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OF THE

Assoc. for the

New York Exhibition

OF THE

INDUSTRY OF ALL NATIONS.

1853.

FIRST REVISED EDITION.

NEW YORK:

PUBLISHED FOR THE ASSOCIATION BY

GEORGE P. PUTNAM & CO., PUBLISHERS, 10 PARK PLACE,

1853.

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PREFACE

TO THE REVISED EDITION.

The Editor of this manual avails himself of the opportunity afforded by the publication of the first *revised* Edition, to state very briefly some of the circumstances which rendered the first catalogue imperfect. It was compiled, in advance of the opening of the Exhibition, from the meagre material afforded by the original lists sent in by the various commissioners at home and abroad, and embracing generally only the name of the Exhibitor, and an indefinite representation of the object or objects he proposed to exhibit. These were sometimes so illegibly written, or so obscured by translation into English, as to embarrass greatly the labors of the Editor. The first catalogue, however, notwithstanding these obstacles, was a reasonably correct transcript from the proposals of the contributors to the Exhibition. Its chief imperfection has arisen from the failure of numerous parties to carry out their proposals. Hundreds of those whose names appear upon the catalogue, have either altogether withheld their proposed contributions, or delayed them until weeks after the opening. The absence of these objects has created great confusion to the visitor in the use of the catalogue, which, however, has daily grown more and more correct up to this day.

The absence of the lists of Statuary, Paintings, and objects of Art generally, was another serious imperfection in the first edition, which, however much to be regretted, was utterly unavoidable—since these works must be inspected before they could be catalogued with any degree of correctness.

The present edition will be found, it is believed, free from those imperfections. The task of revision has not been a light one. It has involved both toil and care for several weeks, during which every available source of correction has been assiduously resorted to. The frequent erroneous classification of objects in the first edition, arising from obscure invoices or ambiguous terms in the description of goods, has been diligently

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corrected. Those parties who have failed to send their goods, have been excluded from the lists, with the rare exceptions of a few whose contributions were unavoidably delayed, and are known to be forthcoming at an early day. The names and objects of foreign exhibitors have been carefully corrected by their printed cards, or by the original invoices from their own hands.

The history of the London catalogue of 1851 was so remarkable, that it was told at great length in the *Times* and other journals, and eventually incorporated into the catalogue itself. The first edition of that work was still more imperfect than the now superseded edition of this catalogue, and it is well known that the fourth and last revised edition of it appeared but a very short time before the close of the Exhibition. The story of the London catalogue, with its toils, its difficulties, its delays, and its demands upon the patience of its compilers and the public, is not inapplicable to the present work. The difference is not in the nature, but in the extent of the labor, and to those who comprehend both, the history of this manual, like that of its great prototype, is not without interest.

The Editor has sought diligently to make his work perfect, not with the expectation of literal success, but with the consciousness that only the highest possible *aim* would insure the greatest practicable approximation to perfection.

He begs the indulgence of all who may still detect errors annoying to themselves, for they have escaped his best intentioned vigilance.

It would be unjust to close this preface without a cordial acknowledgment of the aid which has been rendered by the various superintendents of departments in the Exhibition. They have shared in the solicitude of the General Superintendents, and of the Editor, to have this catalogue as correct as possible, and to their co-operation its improved condition is in a great measure due.

The patience and zeal of the printers in making repeated revisions of difficult manuscript, and continual additions to the text up to the latest hour, entitle them to a generous share in these acknowledgments.

It is gratifying to reflect that whatever errors may still be found in the following pages, they are not beyond the reach of correction; and to no one will amendment be more grateful than to

THE EDITOR.

OFFICE OF THE GENERAL SUPERINTENDENTS, CATALOGUE BUREAU,
CRYSTAL PALACE, OCTOBER 1, 1853.

CONTENTS.

Arrangement of the Catalogue 3
Officers of the Association 6
Executive Department 6
Description of the Building 7
Historical Sketch of the Association 11
Division into Classes 15
Ground Plan of the Building 16
Plan of the Rotunda 17
Hints for the Use of the Catalogue 18
Plan of the North Nave 19
Plan of the South Nave 20
Plan of the East Nave 21
Plan of the West Nave 22
Abbreviations used in the Work 23
Position of Countries in the Building 23

CATALOGUE OF OBJECTS EXHIBITED.

1. United States 25
2. Great Britain and Ireland 101
3. Zollverein and Germany 124
4. Belgium 148
5. France 152
6. Switzerland 170
7. Holland 177
8. Austria 185
9. Italy 197
10. British Possessions:
 - Canada 207
 - British Guiana 216
 - Newfoundland 220
 - Prince Edward's Island 221
11. Denmark 221
12. Sweden and Norway 222
13. Mexico 223
14. Hayti 223
15. Spain 224
16. Portugal 224
17. Russia 224
18. Liberia 224
19. Cuba 224

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Exhibition of the Industry of all Nations,

ORGANIZED IN NEW-YORK, 1852.

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DESCRIPTION OF THE BUILDING.

THE following concise and graphic description of the building is copied from the first number of the "Illustrated Record of the Exhibition," published by Messrs. Geo. P. Putnam & Co.:

Reservoir Square, on which the building of the New-York Industrial Exhibition is erected, lies in the north-western part of the city, four miles distant from the Battery, and three and a quarter from the City Hall, between the Sixth Avenue and the Croton Distributing Reservoir, whose massive walls overshadow its eastern side. The distance from the Reservoir to the Avenue is 445 feet; and the width from Fortieth-street in the south, to Forty-second street, its northern limit, is 455 feet. This space is almost entirely occupied by the building. The shape of the ground is unfavorable for architectural purposes; and, aside from the facilities of access afforded by the Avenue railways and numerous lines of stages, there is nothing to recommend this locality, while the solid and imposing strength of the Reservoir presents an inharmonious contrast with that light and graceful structure which we now proceed to describe.

The appearance of the building, and the materials employed to construct it, show its relationship to the Crystal Palace of Hyde Park. Like that, its framework is a system of iron columns and girders; glass excludes the dull and heavy walls of masonry used in ordinary structures, and, with the slender proportions of the framing, gives the edifice the light and airy appearance so well expressed by its popular name. The resemblance which we have spoken of is only a general one; the ground plan, the relative proportion of each of the materials employed, and the details of construction, are quite different from its English prototype, and give it an architectural effect and character of its own.

The general idea of the New-York building is a Greek cross, surmounted by a dome at the intersection. The length of each diameter of the cross is 365 feet and 5 inches, and the width of the arms is 149 feet and 5 inches. This does not include the three entrance halls, projecting towards Sixth Avenue, Fortieth, and Forty-second streets, which are each 27 feet wide, and approached by flights of steps. By referring to the engravings [on pages 22 and 23 of this catalogue], it will be seen that, although the edifice is cruciform, the outline of the ground plan is nearly a regular octagon, whose diameter is the same as that of the arms of the cross. This form has been given to it by ingeniously filling up the triangular intervals between the arms of the cross with a lean-to of only one story, or twenty-four feet in height. The adoption of this device was necessary in order to provide space for the exhibition; it being impossible within the narrow limits of the site to enlarge the dimensions of the cross in the usual way; and while this substantial advantage is gained, it is productive of only a slight architectural defect in diminishing the prospective of the interior.

The arrangement of the columns is represented upon the diagrams. It will be seen that they divide the interior into two principal avenues or naves, each 41 feet and 5 inches wide, with aisles 54 feet wide upon either side. The intersection of the naves leaves in the centre a free octagonal space 100 feet in diameter. The columns still further subdivide the aisles and the triangular intervals between the arms of the cross, into square and half-square compart-

ments of 27 feet on the side. The aisles are covered with galleries of their own width, and they are united to each other by broad connections at the extremities of the naves. The naves are carried above the roofs of the galleries to admit light, and are spanned by 16 semicircular arches of cast-iron, which are 40 feet and 9 inches in diameter, and placed at a distance of 27 feet from each other.

The number of cast-iron columns upon the ground floor is 190. They are 21 feet high above the floor, octagonal, and 8 inches in diameter; the thickness of the sides varies from half an inch to one inch. The cast-iron girders, 3 feet wide, of which the longest are 26 feet and 4 inches, and those of wrought iron, 40 feet and 9 inches long, are indicated by the dotted lines. The first tier of girders sustain the floors of the galleries, and brace the structure in all directions. They are united to the columns by connecting pieces 3 feet 4 inches high, which have the same octagonal shape as the columns, and flanges and lugs to be bolted together. The number of girders in the first tier is 252. The second story contains 148 columns 17 feet and 7 inches high, which rest on those below them, and have the same shape. They receive a second series of girders numbering 160, which support the roofs of the aisles. They also receive the semicircular arches of the naves. All the roofs are supported upon arches or upon girders, by means of wrought-iron inverted trusses, which receive the angle iron purlins of the rafters; the latter are made of strips of wood inclosed between iron sides. The roofs are uniformly constructed of boards, matched together and covered with tin.

The dome, noble and beautiful in its proportions, is the chief architectural feature of the building. Its diameter is 100 feet, and its height to the springing line is nearly 70 feet, and to the crown of the arch 123 feet. It is the largest, as well as almost the only dome hitherto erected in the United States. To our untravelled countrymen it may be an instructive example of the beauty and fine architectural effect of which this structure is capable, although its dimensions are trivial when compared with the majestic domes of the Pantheon or St. Peter's, or those other wonderful erections of classic and mediæval times when architecture was a passion, and united with religious enthusiasm to produce the triumphs of the Art. We have given upon a separate page, as a frontispiece of this number, an architectural section of the dome, which will give our readers a better idea of its structure than any description can do. A perspective view of the interior, which was promised by the architects for this number, will be published as soon as it is ready. The dome is supported by 24 columns, which rise beyond the second story, and to a height of 62 feet above the principal floor. The system of wrought-iron trusses which connects them together at the top, and is supported by them, forms two concentric polygons, each of 16 sides. They receive a cast-iron bed-plate, to which the cast-iron shoes for the ribs of the dome are bolted. The latter are 32 in number. They are constructed of two curves of double angle-iron, securely connected together by trellis-work. The requisite steadiness is secured by tie-rods, which brace them both vertically and horizontally. At the top, the ribs are bolted to a horizontal ring of wrought and cast-iron, which has a diameter of 20 feet in the clear, and is surmounted by the lantern. As in the other roofs of the building, the dome is cased with match deal and tin sheathing. Light is communicated to the interior through the lantern, and also in part from the sides, which are pierced for thirty-two ornamental windows. These are glazed with stained glass, representing the arms of the Union and of its several States, and form no inconsiderable part of the interior decoration.

The external walls of the building are constructed of cast-iron framing and panel-work, into which are inserted the sashes of the windows and the louvers

for ventilation. The glass is one-eighth of an inch thick, and was manufactured at the Jackson Glass Works, N. Y., and afterwards enamelled by Cooper & Belcher, of Camptown, N. J. The enamel, with which the whole of it is covered, is laid upon the glass with a brush, and after drying, is subjected to the intense heat of a kiln, by which the coating is vitrified, and rendered as durable as the glass itself. It produces an effect similar to that of ground glass, being translucent, but not transparent. The sun's rays, diffused by passing through it, yield an agreeable light, and are deprived of that intensity of heat and glare which belongs to them in this climate. In the absence of a similar precaution in the Crystal Palace of Hyde Park, whose roofs, as well as walls, were inclosed with transparent glass, it was found necessary to cover the interior of the building with canvas, to produce the required shade.

At each angle of the building there is an octagonal tower, 8 feet in diameter and 76 feet in height. These contain winding stairways, which lead to the galleries and roofs, and are intended for the use of the officers and employees of the Association. Twelve broad staircases, one on either side of each entrance, and four beneath the dome, connect the principal floor with the gallery. The latter are circular in part, and consists of two flights of steps, with two landing-places. The flooring of the galleries is made of closely-matched planks, while those forming the floor of the first story are separated by narrow intervals, in the same manner and for the same purpose as in the London building. Over each of the principal entrance halls, the galleries open upon balconies, which afford ample space for placing flowers, vases, and statues for decoration. Above the balconies, the ends of the naves are adorned with large fan-lights, corresponding to the semicircular arches within. On each side of the entrances there are ticket offices, and adjacent to them rooms are provided for the officers of the Association, telegraph, &c.

The rapid and unexpected increase of the applications of exhibitors, induced the Association to erect a large addition to the building already described. It consists of two parts, of one and two stories respectively, and occupies the entire space between the main building and the Reservoir. Its length is 451 feet and 5 inches, and its extreme width is 75 feet. It is designed for the reception of machinery in motion, the cabinets of mining and mineralogy, and the refreshment rooms with their necessary offices. The second story, which is nearly 450 feet long, 21 feet wide, and extends the whole length, is entirely devoted to the exhibition of pictures and statuary. It is lighted from a skylight, 419 feet long, and 8 feet and 6 inches wide.

The DECORATIONS of the building have been intrusted to HENRY GREENOUGH, Esq., of Cambridge, brother of the lamented sculptor of the same name. Mr. Greenough has made Art his study, and in its pursuit has resided long in Italy. As he has promised to unfold the general principles and detail of his present work in an essay, to be published in an early number of the RECORD, we will state at present only a few facts.

The leading idea in the plan of decoration has been to bring out the beautiful construction of the building—to decorate construction rather than to construct decoration. To do this, and at the same time to preserve a general harmony of effect, has given Mr. Greenough ample opportunity to display his knowledge of the resources of his art. The result is surprisingly beautiful.

The decoration was commenced only on the 27th of April, but as soon as the progress of the construction would permit. The colors employed on the exterior and interior are mixed in oil, the base being the white lead manufactured by the Belleville Co. The exterior presents the appearance of a building constructed of a light-colored bronze, of which all features purely ornamental are of gold.

The interior has a prevailing tone of buff, or rich cream-color, which is given to all the cast-iron constructive work. This color is relieved by a moderate and judicious use of the three positive colors, red, blue, and yellow, in their several tints of vermilion, garnet, sky blue and orange (certain parts of the ornamental work being gilt), to accord with the arrangement of colors employed in the decoration of the ceilings. The only exceptions to the use of oil colors are the ceiling of the American lean-to and the dome; these decorations are executed in tempera on canvas.

The effect of the interior of the dome (designed by Sr. Monte Lilla), is particularly splendid. The rays from a golden sun, at the centre, descend between the latticed ribs, and arabesques of white and blue, relieved by silver stars, surround the openings. We propose, hereafter, to furnish a page in chromo-lithography, which will illustrate in a much more satisfactory manner than can be accomplished by description, the arrangement and effect of the interior decoration. But, as already stated, a more extended account of the decorations, explaining the principles on which they are designed, and the objects in view, will appear in the report of the Superintendent of Decoration.

The building is supplied with gas and water in every part. The gas is designed for the use of the police in protecting the property by night, but is so arranged, that should it be deemed expedient to open the building in the evenings, there will be ample light. The water is accessible at numerous points, with conveniences for drinking, and also for the attachment of hose in case of fire.

The whole quantity of iron employed in the construction amounts to 1,800 tons; of which 300 tons are wrought, and 1,500 tons cast-iron. The quantity of glass is 15,000 panes, or 55,000 square feet. The quantity of wood used amounts to 750,000 feet, board measure.

To complete our explanation of the construction of the building, we recapitulate its principal dimensions, and annex a few references to the diagrams:—

PRINCIPAL DIMENSIONS.

	FT.	IN.
From principal Floor to Gallery Floor,	24	
" " " to top of 2d tier of Girders,	44	4⅜
" " " to top of 3d " "	59	10
" " " to ridge of Nave,	67	4
" " " to top of Bed-plate,	69	11
" " " to top of upper ring of Dome,	123	6
" 6th Avenue curb-stone to top of Lantern,	151	
" " " to top of Towers,	76	9
Area of first floor,	157,195 sq. feet.	
" 2d "	92,496 " "	
Total area,	249,691, or 5¾ acres.	

HISTORICAL SKETCH OF THE RISE AND PROGRESS OF THE ASSOCIATION.

FROM THE "ILLUSTRATED RECORD OF THE EXHIBITION."

A BRIEF statement of the origin and progress of the Association for the Exhibition of the Industry of All Nations, will be an appropriate introduction to the first part of the RECORD. It is perhaps needless to say that the triumphant success of the London Exhibition gave birth and force to the idea of this. Simultaneously, almost, it was proposed to repeat the grand experiment in Dublin, in France, and in the United States. Although America achieved some of the most signal and permanently valuable results which were brought to the knowledge of mankind by the Exhibition in Hyde Park; still there was probably no American who saw our contributions in London, that did not feel some regret that they were not a more just and equally sustained exponent of our resources, industry, and arts.

But stronger and more controlling than this sentiment, was the desire excited to afford the masses in America an opportunity to see the grand total of the world's industry, and the manifold productions and applications of the arts of design brought in one comparative view. It was seen, that while no motive but a proper regard for our own position in the great family of nations could have induced us, as a people, to send our industrial products to Europe, where we find a market only for our great staple raw materials, that the fact of our becoming more and more every day the great purchasers of the products of European skill and labor, expended, perhaps, upon our own products, would induce all the manufacturing states of the old world to embrace, eagerly, an opportunity to expose their products in the New-York Crystal Palace.

This conviction, strengthened by the sentiments before alluded to, led a few public-spirited citizens of the United States, early in 1852, to contemplate the organization of the effort whose results we see. It was not designed or desired to reproduce the London Exhibition, which, from the very nature of the case, must ever remain unexampled; but to draw forth such a representation of the world's industry and resources as would enable us to measure the strength and value of our own, while it indicated new aims for our enterprise and skill.

There is no humiliation in the acknowledgment, that America has more to gain from such a comparison than any other nation in Christendom—and we believe she is also more willing to avail herself of the suggestions it offers.

It was obvious in the outset, that numerous difficulties would embarrass the successful organization of an exhibition of industry in the United States.

which should at once be universal in its scope, and devoid of the imputation of local or sectional influence. These difficulties were inherent in the nature of our political institutions.

In England, the suggestion of Prince ALBERT to the Society of Arts was received with enthusiasm, and enlisted not only the cordial support of the Queen, but every member of a numerous and wealthy aristocracy joined his hand in setting forward the royal project. The government, however backward and lukewarm they might have been at first, could not resist an influence with which, as men, they were identified. Then the almost supreme power of the London journals came in to swell and direct the popular sentiment, and to make every Englishman feel that he had an immediate personal stake in the success—the triumphant and overwhelming success—of an enterprise to which the honor of his sovereign, and of the nation, stood pledged before all mankind.

Under the stimulus of such powerful motives, the universal intellect of the United Kingdom organized itself in Councils, Committees, and Juries. Men whose names are identified with the halls of science, of literature, and of art, left their tripods, and were found heading the various corps of hard-working volunteers in considering or perfecting the several details of the colossal scheme. The rooms of the Royal, the Geological, the Geographical, the Ethnological, and the Statistical Societies, of the Institutions of Civil Engineers and Architects, of the Museum of Economic Geology—and even of the staid and conservative Universities, were for a time deserted to furnish men and mind for the emergency. In looking over the long catalogue of councilmen and chairmen, of commissioners, associates, and jurymen, whose names are connected with the administration of the London Exhibition, it is astonishing to see what an array of talent and learning was gathered to secure its success. Nor was this peculiar to Great Britain; but from all parts of the world, we find in its published lists men whose names are the guaranty of eminent success, not only in their own departments, but in whatever they may undertake. Such was the animus of the London Exhibition.

Compared with this royal espousal, and enormous personal influence brought to sustain and carry forward the exhibition of 1851, the simple machinery and resources of an association of private gentlemen, however enterprising, might seem utterly inadequate. Let the results decide. Such an association was formed, and stands committed to the successful prosecution of the plan. All the world has been invited to co-operate in sustaining the effort, and the appeal has met a response as cordial, as the design is liberal and catholic.

New-York was selected as the locality of the Exhibition, because of its great advantages as a commercial centre, and as the chief entrepôt of European goods. Had it been proposed to limit the Exhibition to the products of American industry, some place more central, as Washington, Philadelphia, or Cincinnati, might have been justly preferred, but in view of the foreign department of the scheme, New-York seemed the only place at all suited for the purpose.

The Municipal authorities of the city of New-York, on the 3d of January, 1852, moved by an enlightened regard for the prosperity of the city, and the interests of its inhabitants, granted a lease for five years of Reservoir Square, for this purpose, upon two conditions: one, that the building should be constructed of glass and iron, and the other, that no single entrance fee should exceed fifty cents.

The Legislature of the State of New-York, upon application, granted, on the 11th of March, 1852, the charter under which the ASSOCIATION FOR THE

Exhibition of the Industry of all Nations has been organized and carried forward. The Act clothed the Directors with all the powers needed to carry out its plans, and the Legislature have since that time extended its privileges, so that it can issue stock to the amount of half a million dollars, in place of the original limitation to three hundred thousand dollars. The Board of Directors first met on the 17th of March, 1852, and organized by the election of Theodore Sedgwick, Esq., President, and William Whetten, Esq., as Secretary. No time was lost in publishing and circulating a general statement of the objects of the enterprise. A call for subscriptions to the stock was met in due time, by about one hundred and fifty persons and firms coming forward to take up the first two hundred thousand dollars. This wide distribution of the interest in a large number of hands completely avoided the obnoxious charge, that the undertaking was a speculation designed for the benefit of a few.

The countenance and co-operation of the General Government was sought with a view to the introduction of foreign goods into the Exhibition duty free. And official assurances were given by Mr. Maxwell, the Collector of the port of New-York, that the building of the Association would be made a bonded warehouse, thus entitling the Association to receive the goods free of duty, while on exhibition.

The influence of the General Government was also most cheerfully extended on behalf of the Association, through the kind offices of Mr. Webster, then Secretary of State, who wrote to the representatives of the United States at the principal courts of Europe, stating to them his sense of the importance of the enterprise, and the numerous reasons why in his view they should give to the Association all the aid and support in their power.

The Ministers of foreign powers, resident in the United States, had previously responded, in terms of entire cordiality, to the general circular of the Association, which had been addressed to them, stating its plans, and soliciting the co-operation of European nations. They all expressed their convictions that their respective governments would look with favor upon the proposed exposition, and unite in sending to New-York their most valued and characteristic objects of industry.

The leading foreign newspapers also manifested a most friendly desire to sustain the success of the undertaking, and the records of the office contain the most abundant evidence of their zealous support; while the daily journals in foreign languages in the United States were prominent in lending their services to the cause.

The organization of the foreign relations of the Association was effected by the appointment of Mr. Charles Buschek, of London, as its general agent, through whom all details have been arranged. This delicate and important trust, involving the greatest responsibility, required talents, knowledge, and experience, both of a commercial and of a diplomatic character. The Association was truly fortunate in finding these qualities combined in one person. Mr. Buschek was the Austrian Commissioner at the London Exhibition of 1851, and through him the co-operation of the European manufacturers has been secured to an unexpected extent.

At a later period in the history of the enterprise, it was thought to be expedient to send out to Europe Col. G. W. Hughes, of Maryland, to co-operate with Mr. Buschek in carrying out the plans of the Association. This gentleman added to the weight of his official commission the influence of personal qualities, fitting him, in a remarkable manner, for his delicate task of soliciting or directing the countenance and support of European governments in favor of the objects of the New-York Exhibition. The result of his labors has been

the securing from various governments important contributions, which would otherwise have remained unknown in the UNITED STATES.

By midsummer of last year, the corps of Engineers and Architects was organized by the appointment of Messrs. CHARLES CARSTENSTEN and GEORGE GILDERMEISTER as Architects, Mr. C. E. DETMOLD as constructing Engineer, and Mr. HORATIO ALLEN consulting Engineer. To these gentlemen the construction of the building was confided, and by them it has been brought to its completion.

DIVISION INTO CLASSES.

All objects embraced in this Catalogue are separated into distinct classes, for the purpose of giving unity to the Exhibition, and to facilitate the adjustment of premiums and awards upon the final reports of the juries. With slight changes, the classification is the same as that adopted at the Great Exhibition in London, in 1851. A list of the classes is here subjoined:—

List of Classes into which articles are divided.

CLASS 1. Minerals, Mining and Metallurgy, and Geological Mining Plans and Sections.
" 2. Chemical and Pharmaceutical Products and Processes.
" 3. Substances used as Food.
" 4. Vegetable and Animal Substances employed in Manufactures.
" 5. Machines for direct use, including Steam, Hydraulic and Pneumatic Engines, and Railway and other Carriages.
" 6. Machinery and Tools for Manufacturing Purposes.
" 7. Civil Engineering, Architectural and Building Contrivances.
" 8. Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.
" 9. Agricultural, Horticultural, and Dairy Implements and Machines.
" 10. Philosophical Instruments, and Products resulting from their use (*e. g.* Daguerreotypes, &c.), Maps and Charts, Horology, Surgical Instruments and Appliances.
" 11. Manufactures of Cotton.
" 12. " " Wool.
" 13. " " Silk.
" 14. " " Flax and Hemp.
" 15. Mixed Fabrics, Shawls, Vestings, &c.
" 16. Leather, Furs, and Hair, and their Manufactures.
" 17. Paper and Stationery, Types, Printing and Bookbinding.
" 18. Dyed and Printed Fabrics, shown as such.
" 19. Tapestry, including Carpets and Floor Cloths, Lace, Embroidery, Trimmings, and Fancy Needlework.
" 20. Wearing Apparel.
" 21. Cutlery and Edge Tools.
" 22. Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.
" 23. Work in Precious Metals and their Imitations, Jewelry and other Personal Ornaments, Bronzes, and articles of Vertu generally.
" 24. Glass Manufactures.
" 25. Porcelain and other Ceramic Manufactures.
" 26. Decorative Furniture and Upholstery, including Papier-maché, Paper Hangings, and Japanned Goods.
" 27. Manufactures in Marble, Slate, and other Ornamental Stones, Cement, &c., for Construction and Decoration.
" 28. Manufactures from Animal and Vegetable Substances, not Woven or Felted, or otherwise specified.
" 29. Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.
" 30. Musical Instruments.
" 31. Fine Arts, Sculpture, Paintings, Engravings, &c.

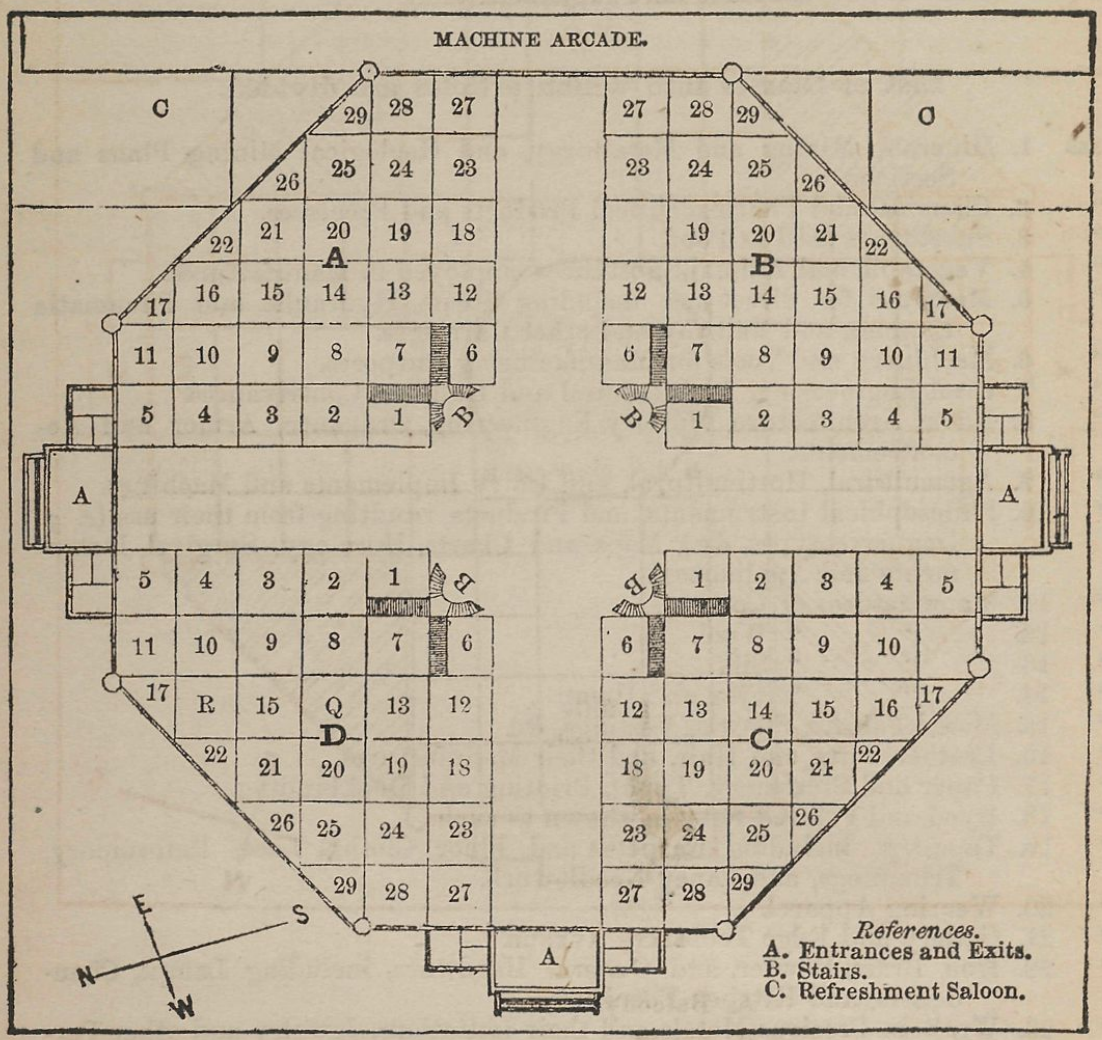
DIVISION A.
UNITED STATES.

Courts 1, 2.—Naval and Military Appliances.
Courts 3, 4.—Textile Fabrics.
Courts 5, 11, 17.—Stone and Terra Cotta.
Courts 10, 16, 22.—Chemicals, Food, and Raw Materials.
Courts 6, 7, 8, 9, 15, 14, 13, 12.—Furniture and Musical Instruments.
Courts 18, 19, 20, 21, 25.—Cutlery, Tools, and Hardware.
Courts 26, 29.—Architectural Appliances.
Courts 23, 24, 28.—Carriages.

DIVISION B.
GREAT BRITAIN AND IRELAND

Courts 1, 7.—Books and Stationery.
Court 6.—Cutlery.
Courts 2, 8, 3, 9, 4, 10.—Textile Fabrics.
Court 5.—Norway and Sweden.
Court 11.—Stone Ware.
Courts 16, 17, 22.—Chemicals, Food, &c.
Courts 14, 15, 20, 21.—Hardware.
Courts 12, 13, 18, 19.—Furniture.
Courts 23, 24, 25, 27, 28, 29.—Machinery, Carriages, &c

CROTON RESERVOIR.

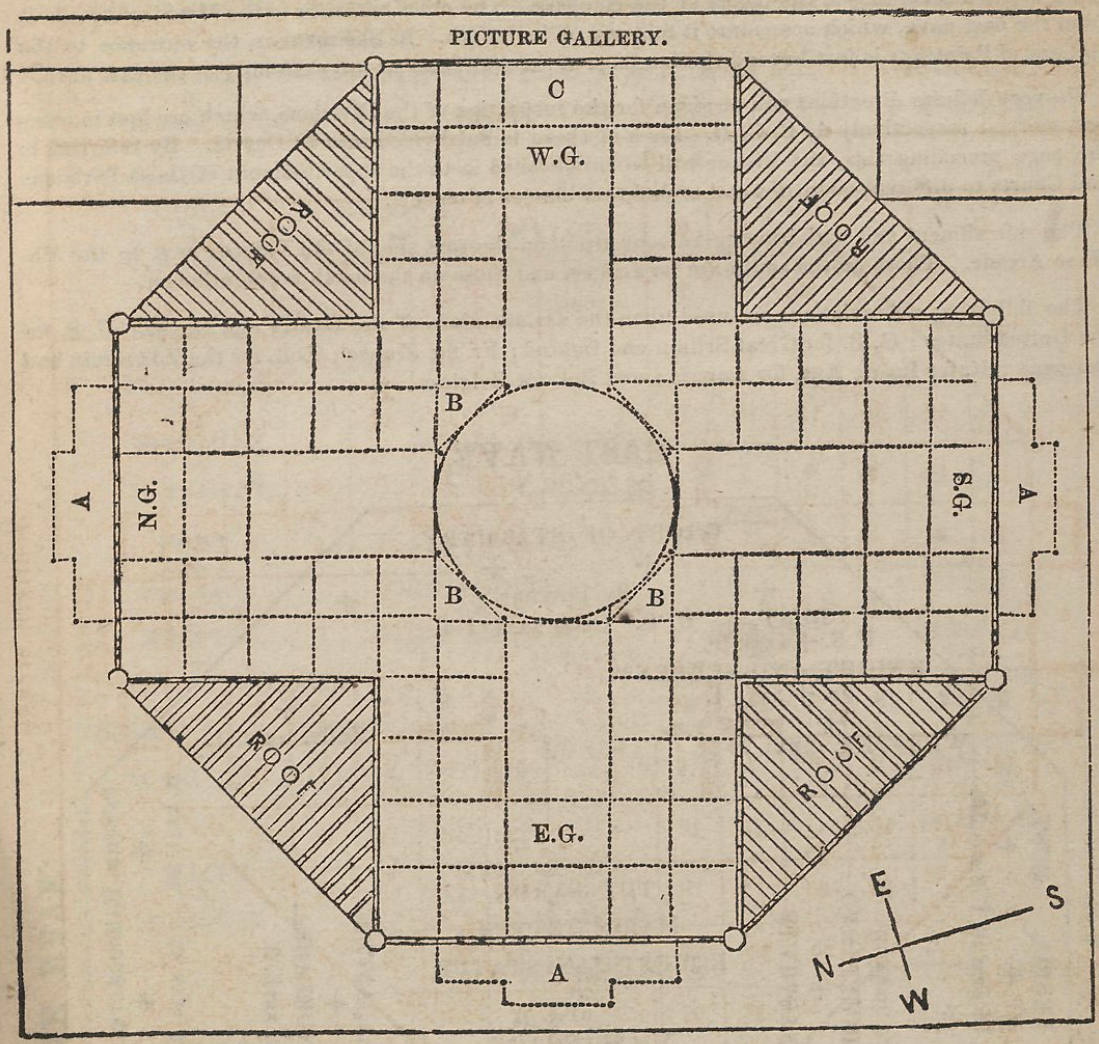


DIVISION C.
BELGIUM, FRANCE, & GERMANY.

Courts 1, 2.—Belgium.
Court 6.—Gobelin and Beauvais Tapestries, and Sevres Porcelain.
Courts 2, 3, 4, 8, 9.—German Textile Fabrics.
Courts 10, 16.—German Musical Instruments and Furniture.
Court 11.—German Hardware and Cutlery.
Courts 17, 22.—German Chemicals, &c.
Courts 12, 13.—French China and Bronzes.
Courts 14, 15, 20.—French Furniture and Musical Instruments.
Court 21.—French Alimentary Preserves.
Courts 18, 19, 23, 24.—French Textile Fabrics.
Courts 25, 26.—French Hardware.

DIVISION D.
VARIOUS COUNTRIES.

Courts 1, 2.—Canada.
Courts 2, 3, 4 (U. S.).—Textile Fabrics.
Court 1 (U. S.).—Coast Survey Instruments, &c.
Courts 11, 17, 22, 26 (U. S.).—Philosophical Apparatus, Daguerreotypes, &c.
Courts 10, 16 (U. S.).—Books and Stationery
Court 9.—Newfoundland.
Court 15 (U. S.).—Engravings, &c.
Court 14.—Denmark; Thorwaldsen's Statuary
Courts 6, 12.—Italy.
Courts 18, 19, 20.—Austria.
Courts 23, 24, 28.—Holland.
Court 25.—British Guiana.
Court 27.—Morse's Telegraph.



SIXTH AVENUE.

A. Balcony.
B. Stairs.
C. Organ.
E. G. East Gallery.
W. G. West "
S. G. South "
N G. North "

HINTS FOR THE USE OF THE CATALOGUE.

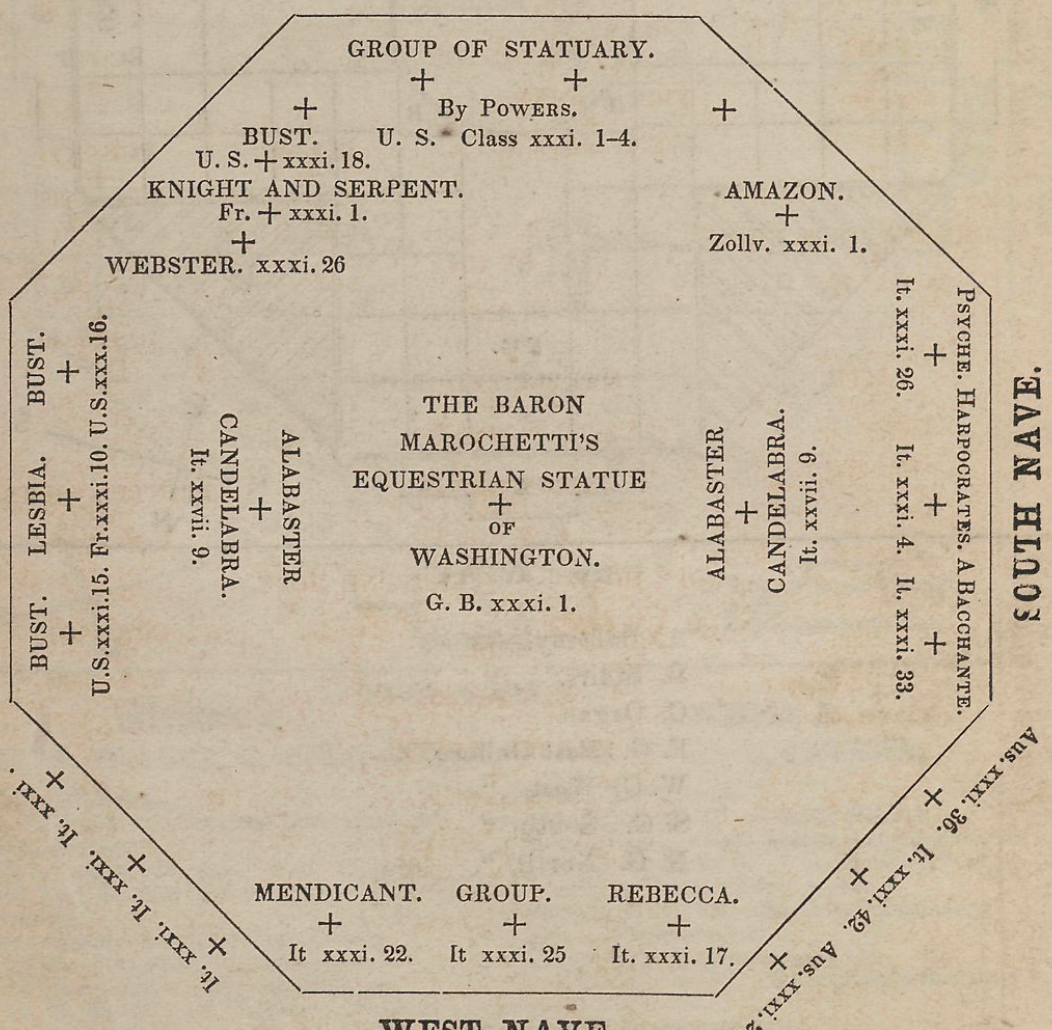
The Visitor will do well, upon entering the Palace at either gate, to proceed directly to the centre, a plan of which, with reference to the objects placed *beneath the dome*, will be found upon this page. Let him then traverse the naves, passing down each upon the left hand, and returning upon the right, as indicated in the four plans upon the next four pages of the Catalogue. The naves are conspicuously marked according to the points of the compass. The chief entrance to the Machine Arcade is from the east nave, which opens into it midway of its length. In like manner, the entrance to the Gallery of Paintings is just beyond the landings of the staircases at the extremity of the east nave.

No very definite directions can be given for the inspection of the Divisions, which are four in number, marked respectively A, B, C, D. Each of these is subdivided into 29 Courts. By referring to the page preceding this, the Visitor will be enlightened as to the apportionment of these Divisions and Courts to different countries and to different classes of objects.

The refreshment and withdrawing Saloons are upon the east side of the Palace, next to the Machine Arcade. Those on the south are for Ladies, and those on the north for Gentlemen.

The following abbreviations are used upon the various plans of the Centre and Naves.—U. S. for the United States ; G. B. for Great Britain and Ireland ; Fr. for France ; Zoll. for the Zollverein and Germany ; It. for Italy ; Aus. for Austria ; and Bel. for Belgium.

EAST NAVE.



WEST NAVE.

[*Entrance from Sixth Avenue.*]

NORTH NAVE,

OPENING FROM THE CENTRE.

Left hand going down. *Middle.* *Right hand going down.*

Canada.

WEBSTER.
+ U. S. xxxi. 12.

BACCHANTE.
+
U. S. xxxi. 5.

BRONZE.
+
Zoll. xxxi. 9.

PSYCHE.
+
U. S. xxxi. 6.

JUPITER.
+
It. xxxi. 62

MARBLE MANTELS.
+ +
U. S. xxvii. 1

MANTELS, &c.
+ +
U. S. xxvii. and xxxi. 29, 30.

MANTEL.
+
U. S. xxvii. 12.

CHILD.
+
U. S. xxxi. 9

MANTEL.
+
U. S. xxvii. 15.

MODEL OF CYLINDER STEAMSHIP.
+
Class viii.

MANTEL.
+
U. S. xxvii. 10.

DIANA.
+
It. xxxi 60.

ORPHAN.
+
U. S. xxxi. 8.

BUST.
+
U. S. xxxi. 34.

United States.

WEBSTER.
+
U. S. xxxi. 7.

MODEL OF SHIP'S HULL.
+
U. S. viii. 35.

APOLLO.
+
It. xxxi. 58.

FONT.
+
Can. xxvii.

SCOTT.
+
U. S. xxxi. 21.

STATUE.
+
U. S. xxxi. 11.

FIRE ENGINE.
+
U. S. v. and vi. 56.

+
BELLS.
+
U. S. xxii. 74.
+

POETRY.
+
It. xxxi. 38.

FONT.
+
U. S. xxvii. 19.

CHILD'S FIRST GRIEF
+
It. xxxi. 19.

GENIN.
+
U. S. xx. 1.

VENUS.
+
It. xxxi. 40.

FAITH.
+
It. xxxi. 43.

MARBLEIZED IRON.
+
U. S. xxvii. 3.

IRON SAFES.
+
U. S. xxii. 18.

PRINTED SILKS.
+
U. S. xix. 6.

United States.

DANTE.
+
It. xxxi. 61.

HOPE HOSE.
+
U. S. v. 22.

NEPTUNE HOSE.
+
U. S. v. 13.

CORDAGE.
+
U. S. xi. 25.

CICERO.
+
It. xxxi. 66.

BELL.
+
U. S. xxii. 85.

MARBLE MANTEL.
+
U. S. xxvii. 9.

U. S. Ordnance and Arms.

U. S. Cotton Fabrics.

U. S.

+
ORNAMENTAL MIRROR. U. S. xxvi. 83.

FORTY-SECOND STREET.

SOUTH NAVE,

ENTERING FROM THE CENTRE.

Left hand going down. *Middle.* *Right hand going down.*

DOG.
+
U. S. xxxi. 10.

CUPID.
+
It. xxxi. 29.

CHILD.
+
It. xxxi. 29

England.

CUPID.
+
G. B. xxxi. 2.

VENUS.
+
G. B. xxxi. 3.

England.

SABRINA
+
G. B. xxxi. 4.

+

+

VIRGIN.
+
G. B. xxxi. 6.

EMIGRANT.
+
G. B. xxxi. 7.

TAMBOUR.
+
G. B. xxxi. 5.

DIANA.
+
G. B. xxxi. 8.

FLORA.
+
It. xxxi.

HUNTER.
+
G. B. xxxi. 9.

England.

MARBLE VASE.
+
It. xxxi. 55.

MINSTREL'S CURSE.
+
U. S. xxxi. 24.

FRESNEL LIGHT
+
U. S. x. 23.

+

BELLS.
+

+

Zoll. xxii. 17.
+

ENGINE.
+
U. S. v. and vi. 98.

HOSE CARRIAGE.
+
U. S. v. 22.

+
BELGIAN
+
STATUARY.
Bel. xxxi.

Belgium.

GUNS.
+
Bel. viii. 9.

+

VENUS.
+
Bel. xxxi.

Germany.

HEBE.
+

STATUE,
+

DANAÏDE.
+
Zoll.
+

+

BRONZE.
+

FIGURES.

+
Zoll. xxxi
+

Germany.

FORTIETH STREET.

EAST NAVE.

ENTERING FROM THE CENTRE.

Left hand going down. *Middle.* *Right hand going down.*

United States.

English Cutlery. *Coll G. B. x.*

Great Britain.

G. B. [Machinery.

United States—Carriages.

ARMOR.
G. B. viii. 5.

STATUE OF WEBSTER.
G. B. xxxi. 9.

CUPID.
It. xxxi. 5.

MERCURY.
It. xxxi. 53.

MENEELY'S BELLS.
U. S. xxii. 80.

CHARITY.
G. B. xxxi. 10.

PET BIRD.
It. xxxi. 57.

It. xxxi.

LOCKS.
U. S. xxii. 66.

PHALON.
U. S. xxix. 56.

FIRST WHISPER.
G. B. xxxi. 26.

DOWN'S GAS METERS.
U. S. x. Sup.

LIFE BOAT.
U. S. viii. 15.

ROW BOAT
U. S. viii. 7.

COPPER LIFE BOAT.
U. S. viii. 13.

TRUTH.
It. xxxi. 6

G. B. xxxi. 13.

G. B. xxxi. 12

U. S. xxxi 37.

HYDRAULIC FOUNTAIN.
U. S. v. and vi. 4.

BUST.
U. S. xxxi. 31.

SINGER.
93.

AVERY.
127.

U. S. v. and vi.

SEWING MACHINES.

BUST.
U. S. xxxi. 32.

GROVER.
101.

WILSON.
82.

Adams,
U. S. v. and vi. 204.

PRINTING PRESSES IN OPERATION.

Taylor,
U. S. v. and vi. 204.

DRIVING ENGINES.

MACHINE ARCADE.

WEST NAVE,

OPENING FROM THE CENTRE.

Left hand going down. *Middle.* *Right hand going down.*

Gobelin and Sevres Court.

HAGAR
+
It. xxxi. 2.

ERMINIA,
+
It. xxxi 37.

GANYMEDE.
+
It. xxxi. 48.

FISHER BOY.
+
Aus. xxxi. 35.

MANTEL. +
Aus xxvii. 1.

EVE.
+
Aus. xxxi. 1

Italy.

TWO LOVERS.
+
It. xxxi. 51.

NYMPH.
+
It. xxxi. 34.

AMAZON.
+
Fr. xxii. 19.

GANYMEDE.
+
It. xxxi.

WASHINGTON.
+
Statue, from Virginia.

SHAKSPEARE.
+
It. xxxi. 63.

France.

BRONZE.
+
Fr. xxiii. 10.

BRONZE EAGLES.
+
Fr. xxxi. 7.

IRIS.
+
It. xxxi. 1.

Italy.

CUPID AND PSYCHE.
+
It. xxxi. 39.

BUST of Washington,
+
From Virginia.

MONTI.
+
Aus. xxxi. 33.

BRONZE.
+
Fr. xxiii.

ADAM AND EVE.
+
JERICHAU, Denmark.

ATALA.
+
Aus. xxxi. 11.

RACINE.
+
Fr. xxxi. 9.

GROUP IN PLASTER.
+
Fr. xxxi. 2.

STATUE.
+
It. xxxi. 23.

Austria.

France.

DAMALIS.
+
Fr. xxxi. 12.

ORN. DOOR.
+
Fr. xxvi. 13.

BACCHUS.
+
It. xxxi.

STAG.
+
Holl. xxxi. 2.

CARRIAGE.
+
Fr. v. 1.

Holland.

WOLF.
+
Holl. xxxi. 2.

France.

MIRROR.
+
U. S. xxvi. 79.

Stairs.

POSITION OF COUNTRIES IN THE BUILDING.

Division A, on both floors, is occupied by the United States.

Division B, on both floors, by Great Britain and Ireland.

Division C, by Germany, France and Belgium.

Division D, by United States, Holland, Italy, British Possessions, Denmark, Mexico, and Hayti.

Generally, the Courts in the Gallery are occupied by the same countries which occupy the corresponding Courts on the first floor. The exceptions to this are, that Switzerland occupies *only* Gallery space, over Holland, which has no space in the Gallery; and Germany extends over Belgium, which also has no space in the Gallery. The whole of the Gallery over Division D, is occupied by the United States.

LIST OF ABBREVIATIONS

MADE USE OF IN THE CATALOGUE.

manu.	manufacturer.
prop.	proprietor.
prod.	producer.
imp.	importer.
des.	designer.
inv.	inventor.
pub.	publisher.

In order to prevent obscurity to the visitor, few abbreviations are employed. The names of places, states, &c., particularly, are stated in full, and with minuteness in all possible cases. Some obscurities exist in consequence of imperfections in the original memoranda.

UNITED STATES.

CLASS 1.

Minerals, Mining and Metallurgy; Geological and Mining Sections and Plans.

THIS department occupies a separate room on the 40th street side of the additional building, and embraces the contributions to this class from all countries. The arrangement of the collection requires considerable time, but is being completed as rapidly as possible. A supplementary Catalogue of the Department will be published when the Cabinet is open to the public.

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

DIVISION A. COURTS 10, 16, 22, 26.

1 Specimens of patent fire and weather proof paint—crude and manufactured. Artificial slates manufactured from the same.—WILLIAM BLAKE, *manu.* 84 Pearl street, New York City.

2 Magnetic powder for the destruction of insects and vermin without poison. EMANUEL LYON, *manu.* 424 Broadway, New York City.

3 Calcined magnesia.—THOMAS J. HUSBAND, *manu.* cor. Third and Spruce streets, Philadelphia, Pennsylvania.

4 Medicinal extracts prepared in vacuo—Hyoscyamus, Aconite, Belladonna, Conium, Taraxacum, &c.—TILDEN & Co. *manu.* 98 John street, New York City.

5 Specimens of mass and roll brimstone.—FREDERICK SCHOLS, *manu.*—*Agent,* JAMES DIXON, 41 Barclay street, New York City.

6 Paris green, sulphate of copper (blue vitriol), and other chemical products manufactured by LUDWIG BRUMLEN, Poughkeepsie, New York.—D. SARFATY, *agent,* 176 Water street, New York City.

7 Refined camphor, kreasote, naphthaline, benzole, oxyd of mercury (red precipitate), proto-chlorid of mercury (corrosive sublimate), sub-chlorid of mercury (calomel).—CHARLES PFIZER & Co., *manu.* 138½ Water street, New York City.

8 Chemical manure.—GEORGE A. LIENAU, *manu.* 195 Front street, Philadelphia, Pennsylvania.

9 Medicine chests and medicinal preparations.—RUSHTON, CLARK & Co., *manu.* 165 Broadway, New York City.

10 Specimens of ultramarine for calico-printing, manufacture of ink, paper, oil and water colors; and lake for decorative painting, printing, &c.—JOSEPH KOHNSTAMM, *manu.* 4 Tryon row, New York City.

11 Double refined nitrate of potash (saltpetre).—GEORGE R. HENDRICKSON, *manu.* 27 Barclay street, New York City.

12 Alkaloids, resinoids, and allied principles—active principles of indigenous and foreign medicinal plants.—Wm. ELMER, M.D. and A. D. HENDRICKSON, *manu.* 15 Hudson Place, New York City.

13 Refined paints, ground in oil.—SINCLAIR & Co., *manu.* 169 Front street, New York City.

14 A chart of chemistry, representing chemical composition to the eye by colored diagrams, the areas of which express proportional quantities.—YOUMANS & BURDSALL, 18 Park Place, New York City.

15 Fine chemicals for medicinal purposes.—LOUIS LEROY, *manu.* 771 Broadway, New York City.

16 Paris and Emerald green.—WINCHELL & CORNELL, *manu.* 210 East Nineteenth street, New York City.—*Agents*, L. S. ROOT & Co., 8 Dey street.

17 Chrome green, chrome yellow, indigo wash-blue, china blue, Prussian blue, &c., KUNO, KRAUSE & Co., *manu.* St. Louis, Missouri.

18 Nitric (aqua-fortis) and chloro-hydric (muriatic) acids; chlorid and oxy-chlorid of tin; aqua ammonia and other chemicals.—JOHN D. PERRINS, *manu.* Brooklyn, New York.

19 Zinc-white, ultramarine, and double sulphate of zinc and ammonia.—ISAIAH DECK, *manu.* New York City.

20 Pure alcohol and deödorized cologne spirit, 98 per cent., made expressly for medical and chemical purposes, perfumery, &c.—CHRISTIAN PAOLI, *manu.*—*Agent*, LEWIS J. MAGNUSSON, Springfield, Ohio.

21 Bromine.—ALTER & GILLESPIE, *manu.* Freeport, Pennsylvania.

22 Veterinary medicine chest and medicines.—CHARLES WILLS, *manu.* 50 East 13th street, New York City.

23 Mount Eagle tripoli.—JOHONNOT & SAUNDERS, *manu.* Boston, Massachusetts.—*Agent*, CULLUM HAVEN, New York City.

24 Black lead crucibles, furnaces, &c.—J. DIXON & Co., *manu.* Jersey City, New Jersey.—*Agents*, BALDWIN & MANY, 49 John street, New York City.

25 Bronze powders and metal leaf.—W. H. HELLMAN, *manu.* 16 Cedar street, New York City.

26 Alcohol, coal-tar products and medicinal preparations.—PHILBRICK, CARPENTER & Co., *manu.* Boston, Massachusetts.

27 Sample of red-lead, litharge and carbonate of potash.—NEW ENGLAND GLASS COMPANY, *manu.* Boston, Massachusetts.

28 Sulphate of quinine, chemically pure and free from cinchonine.—HORACE RIOFREY & Co., *manu.* San Francisco, California.—*Agents*, DAVIS & HENRIQUES, 99 Wall street, New York City.

29 Specimens of salæratus.—THOMAS ANDREWS, *manu.* 136 Cedar street, New York City.

30 Sample of pearlash.—WM. STUDLEY, *manu.* Cedar Creek, Wisconsin.

31 Specimens of powdered drugs.—HASKELL, MERRICK & BULL, *manu.* 10 Gold street, New York City.

32 Medicinal extracts.—UNITED SOCIETY OF SHAKERS, *manu.* Enfield, N. H.

33 A fine assortment of chemicals.—POWERS & WEIGHTMAN, *manu.* Philadelphia, Pennsylvania.

34 Flavoring extracts.—DELLUC & Co. *manu.* 581 Broadway, New York City.

35 Powdered drugs—tragacanth, arabic, kino, myrrh, aloes, and other gums; rhubarb, colombo, and various roots, extracts, &c.—WILLIAMSON, MANN & Co. *manu.* 94 Front street, New York City.

36 An assortment of medicinal preparations.—CHARLES ELLIS & Co., *manu.* Philadelphia, Pennsylvania.

37 Specimens of ferro-cyanid of potassium (prussiate of potash).—H. W. WORTHINGTON, *manu.* Kensington Chemical Works.—*Agents*, JOHN FARNUM & Co., Philadelphia, Pennsylvania.

38 Specimens of chrome green, Chinese blue and American vermilion.—JAMES A. H. BELL, *manu.* 149 Maiden lane, New York City.

39 Specimens of stove polish and black for coach painters.—J. & J. L. SEABURY, *manu.* 156 Chrystie street, New York City.

40 Specimens of essential oils, medicinal extracts, &c., manufactured by the Shakers.—DAVID PARKER, *trustee*, Shaker Village, New Hampshire.

41 Prepared crystal for polishing.—HASTINGS & Co., *manu.* 37 Fulton street, New York City.

42 Specimens of calcined, carbonate, and ponderous magnesia.—FEARING & AKIN, *manu.* South Yarmouth, Massachusetts.

43 Osborn's American water colors.—BULLOCK & CRENSHAW, *manu.* cor. Sixth and Arch streets, Philadelphia, Pennsylvania.

44 Samples of black-lead crucibles.—DANIEL ADEE, *manu. & agent*, 107 Fulton street, New York City.

45 Specimens of bronze powder and metal leaf.—L. BRANDIES & Co., *manu.* 11 Cedar street, New York City.

46 Specimens of salæratus.—LAWRENCE GRINNELL, *manu.* New Bedford, Massachusetts.

47 Specimens of cologne and pure spirits.—WILLIAM LILL & Co., *manu.* Chicago, Illinois.

48 Pure vegetable extracts and samples of packed herbs for medicinal and family use, prepared by the Shakers.—EDWARD FOWLER, *agent*, New Lebanon, New York.

49 Citrate of magnesia—SAMUEL C. SHEPPARD, *manu.* Philadelphia, Pennsylvania.

50 Specimens of salt.—RUFFNER, DONALLY & Co., *manu.* Kanawha Salines, Virginia.

51 Specimens of solar coarse salt.—SAMUEL C. BREWSTER, *manu.* Geddes, Onondaga County, New York.

52 Sulphate of quinine, veratrine, strychnine, piperine, morphine, and nitrate of silver.—ROSENGARTEN & DAVIS, *manu.* Philadelphia, Pennsylvania.

53 Oil of peppermint; oil of spearmint; oil of wintergreen.—H. G. & L. B. HOTCHKISS, *manu.* Lyons, Wayne County, New York.

54 Pills coated with sugar, by steam.—G. C. AYERS, *manu.* Lowell, Massachusetts.

55 Black lead crucibles and stove polish.—PHŒNIX MANUFACTURING COMPANY, Taunton, Massachusetts.

56 Concentrated extract of lemon and vanilla.—E. DUPUY, *manu.* Broadway, New York City.

57 Colors and fluxes for staining glass.—W. J. HANNINGTON, *manu.* 365 Broadway, New York City.

CLASS 3.

Substances Employed as Food.

DIVISION A. COURTS 10, 16, 17, 22.

1 Specimens of articles manufactured from cereal grains.—HECKER & BROTHER, *manu.* Croton Mills, 197—203 Cherry street, New York City.

2 Samples of cocoa.—WALTER BAKER & Co., *manu.*—*Agents*, HUSSEY & MURRAY, 62 South street, New York City.

3 Specimens of fine flour and pearl barley.—RAYMOND & SCHUYLER, *manu.* West Farms, Westchester County, New York.—*Agents*, FAILE, WILLIAMS & Co., 181 Front street, New York City.

4 Samples of fine teas in small packages.—JOSEPH D. EVANS (Pekin Tea Company), 75 Fulton street, New York City.

5 Specimens of the essence of Java coffee.—E. L. SZADECZKY, *manu.* 290 Pearl street, New York City.

6 Essence of coffee.—DANIEL BOHLER & Co., *manu.* 218 Callowhill street, Philadelphia, Pennsylvania.

7 Superior pine-apple cheese.—MORELL D. BOWEN, *manu.* South Osselic, Chenango County, New York.

8 Choice specimens of tobacco, sugar, and cotton plants, with samples of fine manufactured tobacco.—WHITLOCK, NICHOLS & Co., *agents*, 84 Front street, New York City.

9 Specimens of pickled oysters, lobsters, and many other alimentary preserves, in glass jars.—WARDELL & PEASE, *manu.* 234 West street, New York City.

10 Various samples of segars.—JULIAN ALLEN, *imp. & manu.* 130 Water street, New York City.

11 Samples of Connecticut tobacco, and a variety of segars.—ISAAC TANNENBAUM, *imp. & manu.* 107 Avenue D, New York City.

12 Samples of pure mustard.—JOSEPH R. CROMMELIN, *manu.* 14 Lafayette street, Brooklyn, New York.

13 Samples of plain and fancy vermicelli, macaroni, &c.—BELLING & VOGEL, *manu.* 217 Walker street, New York City.

14 Samples of Cincinnati mustard, manufactured from western brown seed.—HARRISON, EATON & Co., *manu.* Cincinnati, Ohio.—*Agents*, A. L. SCOVILL & Co., 316 Broadway, New York City.

15 American mustard.—HAINS & KINSLEY, *manu.* 212 West street, New York City.

16 Brussels health mustard.—J. L. LABIAUX, *manu.* 598 Sixth Avenue, New York City.

17 Specimens of preserved food.—W. M. ABBATT & Co., 29 Burling slip, New York City.

18 Alimentary preserves.—LOUIS BONNARD, *manu.* 72 Greenwich street, New York City.

19 Specimens of American champagne—Catawba wines, made from the native grape.—G. & P. BOGEN, *prod.* Cincinnati, Ohio.—*Agents*, ROBERT H. BERDELL & Co., 32 Front street, New York City.

20 Samples of meat-biscuit, extract of coffee, &c.—GAIL BORDEN, Jr., *manu.* Galveston, Texas.—*Agents*, J. H. BROWER & Co., 45 South street, New York City.

21 Sample of flour.—J. H. CHAMBERLIN & Co., Akron City Mills, Newbern, Ohio.—*Agents*, WRIGHT, GILLETT & RAWSON, 9 South street, New York City.

22 Specimens of fine cut tobacco of improved manufacture.—WM. BOGGS & Co. *manu.* 249 Washington street, New York City.

23 Specimens of manufactured mustard.—JOHN P. WEBBER, *manu.* Beverly, Massachusetts.

24 Alden's concentrated milk, cream coffee, and prepared cream for use at sea.—C. ALDEN, *agent*, 314 Broadway, New York City.

25 An assortment of prepared chocolates.—JOSEPH GOVAERTS, *manu.* 376 Pearl street, New York City.

26 Wheat and rye flower. Specimens of pearl barley, split peas, hominy, farina, oatmeal, &c.—MILES & PECK, *manu.* Yonkers, Westchester Co., New York.

27 Samples of Indian corn, grains, and various seeds. New York State Agricultural Society.—(B. P. JOHNSON, *cor. sec.*,) Albany, New York.

28 Specimens of French mustard, prepared for use and put up in bottles and jars.—WM. PICKARDT, *manu.* 186 Forsyth street, New York City.

29 Specimens of mustard.—DIXON & DARST, *manu.* Cincinnati, Ohio.

30 Manufactured tobacco —BLOW & MARCH, *agents*, 91 Water street, New York City.

31 Specimens of mustard and ground spices.—CHAS. W. WALKER, 13 Dean street, Brooklyn, New York.

32 Specimens of family flour.—J. S. WELCH, *manu. and prop.* Shenandoah Mills, Clarke Co., Virginia.—*Agents*, L. ROBERTS & Co., New York City.

33 Specimens of fine manufactured cavendish tobacco, grown in Virginia.—CHAS. M. CONNOLLY, *agent*, 45 Water street, New York City.

34 Samples of Genesee flour.—J. N. HINCKLEY, *manu.* Mumford, New York.—*Agents*, BACKERMAN & BROTHER, 97 Barclay street, New York City.

35 Corn meal, maize flour, and farina.—H. G. & L. B. HOTCHKISS, *manu.* Lyons, New York.—*Agents*, J. W. THORNE & Co., 118 Broad street, New York City.

36 Samples of Muscovado and clarified sugar.—MORGAN L. SMITH, *prod.* Texas.

37 Samples of wheat, oats and rye.—SAMUEL L. THOMPSON, *prod.* Setauket, Long Island.

38 Premium flour, manufactured by EARHART, ROBERTS & Co., of Winchester, Virginia.—PETER SAUERWEIN & SON, *agents*, 101 North Howard street, Baltimore, Maryland.

39 Sample of Gale Wheat.—ADDISON & MEADE, Alexandria, Virginia.

40 Bacon.—JAMES C. ADAMS, *prod.* 40 Second street, Baltimore, Maryland.

41 Samples of rice of different years' growth.—Hon. R. F. W. ALLSTON, *prod.* Pee Dee River, South Carolina.

42 Oriental fig paste.—H. TATEOSYAN, *manu.* 87 Bleecker street, New York City.

43 Samples of Plantation sugar made directly from the cane.—Hon. E. E. KITTREDGE, *prod.* Elm Hall, Parish of Assumption, Louisiana.—*Agents*, HAVEN & Co., 7 Beaver street, New York City.

44 Samples of rice.—Dr. E. T. HERIOT, *prod.* Waccamaw, South Carolina.

45 Samples of Catawba wine.—JACOB ROMMEL, *prod.* Hermann, Missouri.

46 Samples of Catawba wine.—MICHAEL PASCHAL, *prod.* Hermann, Missouri.

47 Samples of Catawba wine.—FREDERICK FRICKE, *prod.* Hermann, Missouri.

48 Samples of Catawba wine.—C. J. WOLF, *prod.* Washington, Missouri.

49 Samples of still and sparkling Catawba wine.—WM. GLASGOW, *prod.* St. Louis, Missouri.

50 Samples of fine Kentucky tobacco.—FRENCH, LYON & TABB, *prod.* Dover, Kentucky.—*Agents*, R. L. MAITLAND & Co., 63 Beaver street, New York City.

51 Two barrels of flour.—ISAAC HAWK, *manu.* Navarre Mills, Ohio.—*Agent*, J. B. HERRICK, 10 South street, New York City.

52 Samples of buckwheat.—WM. B. C. CARPENTER, *agent*, 186 West street, New York City.

53 Samples of manufactured tobacco and segars.—WM. H. WATSON, *manu.* Brooklyn, New York.

54 Specimens of mustard, prepared in American, French, English, and German styles.—G. C. GIESSEN, *manu.* 77 Bowery, New York City.

55 Specimens of highly refined sugar.—HAVEMEYERS & MOLLER, *sugar refiners*, 26 Front street, New York City.

56 Samples of manufactured tobacco.—JOHN ANDERSON, *manu.* New York City.

57 Leaf tobacco.—WALTER W. BERRY, *agent*, 9 Light street wharf, Baltimore, Maryland.

58 Manufactured mustard, with crude and prepared spices, and other articles used in the process of manufacture.—GEORGE W. WAIT, *manu.* 68 Bowley's wharf, Baltimore, Maryland.

59 A sample of wheat.—CHARLES SUYDAM, *prod.* California.

60 Manufactured tobacco.—J. B. HOFFMAN & Co., *manu.* 78 South Pearl street, Albany, New York.

61 Sugar manufactured directly from the cane, by a new process.—P. M. LA PICE, *prod. and manu.* Parish of St. James, Louisiana.

62 Samples of refined sugar, loaf, crushed, and powdered.—Right Rev. LEONIDAS POLK, *prod.* Leighton Plantation, Parish of La Fourche Interior, Louisiana.—*Agents*, Henrys, Smith & Townsend, 119 Broadway, New York City.

63 Samples of flour.—A. S. ROBARDS & SON, *manu.* Hannibal, Missouri.

64 Samples of flour.—JOSEPH POWELL, *manu.* St. Louis, Missouri.

65 Catawba wine.—JOHN H. BOLLER, *prod.* Boonville, Missouri.

66 Samples of wheat.—P. L. S. VERDIN, *prod.* St. Charles, Missouri.

67 Leaf tobacco.—WM. G. BRYANT, *prod.* Warren Co., Missouri.

68 Manufactured tobacco.—CHAS. W. MCCAULL, *manu.* St. Louis, Missouri.

69 Leaf tobacco.—HARKENBURGH & Co., *agents*, 171 Front street, New York City.

70 Specimens of manufactured tobacco, of the Oronoco leaf.—RICHARD C. FORTUNE, *prod.* Clarksville, Pike county, Missouri.—*Agent*, JAMES W. BOOTH, St. Louis, Missouri.

71 Sample of superfine Genesee flour.—C. J. HILL & SON, *manu.* Rochester, New York.—*Agents*, C. DINSMORE & Co., New York City.

72 Chocolate in plain and fancy style [in case, with confectionery, Gallery].—J. NAZARIE, STRUELENS & Co., *manu.* 75 Duane street, New York City.

73 Specimen of sugar-cured hams and spiced beef.—R. USHER, *manu.* Louisville, Kentucky.

74 Sample of Oregon white wheat.—HUGH BURNS, *prod.* Oregon City.

75 Sample of black oats, hominy, and pop-corn.—W. S. MOSELY, *prod.* New Madrid, Missouri.

76 Samples of white oats.—LAFORGE, *prod.* New Madrid, Missouri.

77 Samples of large yellow corn.—BYRNE, *prod.* New Madrid, Missouri.

78 Specimens of large white corn.—THOMPSON, *prod.* New Madrid, Missouri.

79 Specimens of manomin, or wild rice, spring wheat, yellow and striped dent corn, winter wheat, flint corn, barley, maple sugar.—M. LE DUC, Minnesota Territory.

80 Samples of Catawba wine.—H. DUHME, *prod.* Cincinnati, Ohio.

81 Catawba wine.—L. REHFUSS, *prod.* Cincinnati, Ohio.

82 Isabella wine.—DOLLÉ, *prod.* Franklin county, Missouri.

83 Catawba wine.—LUDWIG GERLING, *prod.* Franklin county, Missouri.

84 Catawba wine.—THEODORE WILKIN, *prod.* Franklin county, Missouri.

85 Catawba wine.—JULIUS GERHARD, *prod.* Missouri.

86 Catawba wine.—G. L. BUSCH, *prod.* Franklin county, Missouri.

87 Catawba wine.—HEINRICHS & Co., *prod.* St. Louis, Missouri.

88 Catawba wine.—A. LEMP, *prod.* St. Louis, Missouri.

89 Catawba wine.—Dr. J. C. MCDONALD, Aiken, South Carolina.

90 Macaroni, vermicelli, &c.—ANTHONY ZEREGA, *manu.* 97 Prince street, Brooklyn, New York.

91 Catawba wine.—M. WERK, *prod.* Cincinnati, Ohio. *Agents*, ROBERT H. BERDELL & Co., 32 Front street, New York City.

92 Sample of flour.—C. A. LOWBER, *manu.* Shelby Centre Mills, Orleans county, New York.

93 Specimens of manufactured tobacco.—HOTCHKISS, FENNER & Co., *manu.* 81 Water street, New York City.

94 Sample of flour.—GEORGE STANFORD, *manu.* Rhinebeck, Dutchess county, New York.

95 Sample of maple sugar.—THOMAS S. FLETCHER, *manu.* Canaan, Vermont.

96 Samples of rice.—MRS. WILLIAM C. WAYNE, *prod.* Wilton Bluff, Ponpon river, South Carolina.

97 Sample of tobacco.—E. MAXWELL, *agent*, New York City.

CLASS 4.

DIVISION A. COURTS 10, 16, 22.

Vegetable and Animal Substances Employed in Manufactures.

1 American woods—exhibited in one hundred and twenty-nine specimens, cut transversely from the log. Prepared by Mr. JOSEPH E. HOLMES, for the Association for the Exhibition of the Industry of All Nations.

2 Samples of glue.—F. W. WEISS & Co., *manu.* West Mount Vernon, New York.

3 Patent distilled chemical sperm candles.—FREDERICK DESBROSSES, *manu.* Manhattanville, New York, and 33 South street, New York City.

4 Sample of madder.—W. & J. HANNA, *manu.* Warren County, Illinois.—*Agents*, DURBROW, WINNE & SHELDON, 51 New street, New York City.

5 Linseed oil.—T. G. & A. L. ROWE, *manu.* Montauk Mills, Brooklyn; office, 188 Front street, New York City.

6 A sample bale of "Golden Cotton" and cotton in the seed.—JOHN POPE, *prod.* Memphis, Tennessee.

7 Sample of "Sea Island" cotton.—WILLIAM SEABROOK, *prod.* Charleston, South Carolina.

8 Specimens of variously colored furniture glue, or cement for wood, glass, marble, china, and ornamental ware.—HENRY FARNCROOK, *inv. & manu.* Elbridge, New York.—*Agent*, Rev. Mr. COCAGNE, 120 Varick street, New York City.

9 Samples of wool from Bicknell sheep of six years' growth, and of extraordinary length.—JAMES BICKNELL, *prod.* Aurora, Erie County, New York.

10 Specimens of spermaceti and patent candles.—SAMUEL JUDD'S SONS & Co., *manu.* 139 Front street, New York City.

11 Superfine lard oil in a glass cylinder, mounted on marble pedestal.—BURCKHART & Co., *manu.* Cincinnati, Ohio.

12 Specimens of New Orleans long moss for upholstery purposes.—MILLER, HARRIS & Co., *manu.* 73 Camp street, New Orleans; and 99 Front street, New York City.—*Agent,* JOHN G. MILLER, 83 Water street, New York City.

13 Specimens of stearic acid, adamantine and spermaceti candles, and blocks of same material.—GEORGE T. BAKER & SON, *manu.* New Bedford, Massachusetts.

14 Sample fleeces of Saxony wool, grown in Dutchess County, New York, and of remarkable fineness of quality and evenness of staple.—GOUGH, HOAG & LAWRENCE, *agents,* 71 Pine street, New York City.

15 Bleached shellac and French varnishes.—ZINSSER & MARX, *manu.* 175 William street, New York City.

16 Sample of "Anchor lard oil."—J. L. MITCHENER & Co., *manu.* Cincinnati, Ohio.

17 Specimens of fine sun-bleached wax, produced from the ordinary American yellow wax.—ARTHUR NIX, *prop.* McComb's Dam, Eighth Avenue, New York City.

18 Various specimens of imperishable timber, prepared in Rochester, New York, on the patent method of Charles Payne of England.—CHARLES B. STUART, *agent,* 69 East 23d street, New York City.

19 Patent adamantine candles.—STANTON & NEVIN, *manu.* 295½ Pearl street, New York City.

20 Sample of extra lard oil.—GLENN & Co., *manu.* Cincinnati, Ohio.

21 Four bales of hemp—dressed and undressed.—YEATMAN, PITTMAN & Co., *prod.* St. Louis, Missouri.

22 Specimen bale of American dressed hemp.—Hon. JOHN J. HUNTER, *prod.* Lexington, Kentucky.—*Agents,* JOHN MCGREGOR & Co., 134 Pearl street, New York City.

23 Section of Sassafras (Laurus sassafras), and paw-paw trees; and wild grape vine.—WM. S. MOSELY, New Madrid, Missouri.

24 Specimens of oils, spermaceti, sperm and patent candles.—LYLES, POLHAMUS & Co., *manu.,* 262 and 263 South street. Office, 120 Front street, New York City.

25 Extract of log-wood.—RUSSELL, STILES & HUBBARD, *manu.* Yonkers, New York. Office, 145 Water street, New York City.

26 Specimens of glue and isinglass.—GERKER & BEEHLER, *manu.* 20 Commerce street, Philadelphia, Pennsylvania. [In North gallery.]

27 Sample bale of hemp.—R. M. S. PRICE, *prod.* Clay County, Missouri.—*Agents,* LEWIS S. MORRIS & Co., New York City.

28 Stearine figures and candles.—R. S. MITCHELL & Co. *manu.* 118 Wall street, New York City.

29 Specimens of superfine American wool in the fleece, from the best imported stock.—JOHN M'FADDEN, *prod.* Harrison County, Ohio.—*Agents,* COATES & BROWN, 43 Market street, Philadelphia, Pennsylvania.

30 Two fleeces of fine American wool.—WM. JAMES MORGAN, *prod.* Wilmington, Clinton County, Ohio.

31 Sample of merino wool.—Hon. R. F. W. ALLSTON, Pee Dee River, South Carolina.

32 Specimen bale of dew-rotted hemp.—THOMAS HEMMINGWAY, *prod.* Lexington, Kentucky.—*Agents,* JOHN MCGREGOR & Co., 134 Pearl street, New York City.

33 Samples of "golden cotton."—DR. SAMUEL BOND, *prod.* Green Bottom, Tennessee.

34 Samples of glue.—AUGUSTUS H. SANGER, *manu.* Danvers, Massachusetts.

35 Bale of cotton.—J. M. BATCHELOR, *prod.* Rodney, Mississippi.

36 Sample bale of dew-rotted hemp.—HOLIDAY & DICKEY, *prod.* Weston, Missouri.

37 Bale of dew-rotted hemp.—BAKER, BELL & Co., *prod.* Weston, Missouri.

38 Specimen bale of fine staple cotton grown in Mississippi.—JEFFERSON NAILER, *prod.* Warren County, Mississippi.

39 Potato starch for manufacturers' use.—SPEAR, BURKE & Co., *manu.* Boston, Massachusetts.

40 Potato starch and spermaceti candles.—MIXER & GILBERT, *manu.* 44 Broad street, Boston, Massachusetts.

41 Specimens of spermaceti, sperm candles, and other candles and burning oils.—LITCHFIELD & Co., *manu.* 154 Front street, New York City.

42 Specimens of stearine candles.—SIGNOR SALVI, *manu.* Staten Island, New York.

43 Upland short staple cotton, grown in Alabama.—JOSEPH WEST, *prod.* Eufaula, Alabama.

44 Superfine Saxony wool.—JESSE P. GILLETT, *prod.* Sharon, Michigan.

45 Specimens of Missouri dew-rotted hemp, unhackled from the brake.—JOHN H. SAUNDERS, *prod.* Sibley, Missouri.

46 Bale of Missouri dew-rotted hemp.—DOUGLASS & BEER, *Dressers and Dealers*, St. Louis, Missouri.

47 Specimens of dew-rotted and water-rotted flax. [In case with flax thread, Class 12.]—JAMES FRENCH, *prod.* 41 Exchange place, New York City.

48 Samples of potato starch used extensively by cotton manufacturers.—LOCKWOODS & ORVIS, *agents*, Troy, New York.

49 Specimens of starch.—HOYER & MEINERS, *manu.* Milwaukie, Wisconsin.—*Agents*, POPPE & Co., 75 West street, New York City.

50 Pearl starch manufactured from Indian corn.—WILLIAM COLGATE & Co., *manu.* 6 Dutch street, New York City.

51 Specimens of starch.—LOUIS BACKES, *manu.* St. Louis, Missouri.

52 Munsell's refined siccative oil for artists' use.—JOHN H. CUTHBERT, *agent*, 168 Fulton street, New York City.

54 Specimens of lard oil.—F. FRANK, *manu.* Cincinnati, Ohio.

55 Extract of saffron.—H. GUERRIER, *manu.* 59 Warren street, New York City.

56 Bale of oakum.—WILLIAM VAIL & Co., New Market, New Jersey.

57 Section of wild grape vine.—J. H. BRIGHAM, Prairie, Jefferson, Louisiana.

58 Various fleeces of wool, raised by THOMAS WOOD of Ohio.—*Agent*, M. W. COOPER, 53 Exchange Place, New York City.

59 Specimens of cotton-seed oil.—WILLIAM WILBUR & Co., *manu.* New Orleans, Louisiana.

60 Fine lard oil.—GRANVILLE MEARS, *manu.* Boston, Massachusetts.

61 Resin oil.—A. MILLER & Co., *manu.* Newbern, North Carolina.

CLASSES 5 AND 6.

Machines for Direct Use; Machinery, Tools, &c.

[The contributions to Classes 5 and 6 having been, of necessity, placed in the Machine Arcade, without regard to the distinction of class, it has been deemed proper to catalogue them in the same manner. The Carriages will be found in Division A of the Palace, contiguous to the Machine Arcade.]

1 Buffum's centripetal amalgamator, a machine for separating gold from pulverized quartz by vortex or whirlpool action.—ROBERT S. BUSSING, *pat. & prop.* Novelty Iron Works, Dry Dock, New York City.

2 Improved ruling machine. Machines for paging blank books.—JOHN & WILLIAM MCADAMS, *inv. & manu.* 94 State street, Boston, Massachusetts.

3 Patent sewing machine.—ELIAS HOWE, Jr., *pat. & prop.* Cambridgeport, Massachusetts; and 201 Broadway, New York City. [East nave.]

4 Gwynne's centrifugal pump, capable of throwing out 1,000 gallons a minute, and exhibited for economy, efficiency, durability, and power. A glass model of the centrifugal pump.—UNION POWER COMPANY (W. LEE, manager), office 49 Dey street, New York City.

5 Oscillating double acting pump.—J. S. GWYNNE, *manu.* 49 Dey street.

7 Boiler plate shears of great power.

8 Embossing press for bookbinders.

9 Boiler plate punch.

10 Hand punch.

11 Power punch.

12 Saw gummer.

13 Tobacco press.

[The above numbers, from 7 to 13 inclusive, are exhibited by DAVID DICK, *pat. and prop.* Meadville, Pennsylvania.]

17 Model of coal-mining machine.—HOLMES & TAYLOR, *prop.* Holyoke, Mass.

18 Centripetal press for pressing square in all directions.—HOLMES & TAYLOR, *prop.* Holyoke, Massachusetts.

19 Model of quartz crushing machine.—ZENOS R. HINCKLEY (Agent for Manomet Co.), Sandwich, Massachusetts.

20 Spinning frame, known as the Dodge cap spinner.—JOHN C. DODGE, *prop.* Dodgeville, Attleborough, Massachusetts.

21 Hand loom.—OBED KING, *manu.* Salem, Ohio.

22 Force pump, operated by steam and hand power.—FRANKLIN H. STREVER, *manu.* 316 Broadway, New York City.

23 Ransom's improved patent constant vacuum pumps—a new result in hydraulics—drawing water thirty feet as well as other pumps will draw fifteen.—FRANKLIN RANSOM, M.D. *manu.* 154 and 156 Front street, Cincinnati, Ohio.

24 Two sets of stocks and dies for screws and taps of various dimensions.—JAMES PEACOCK, *prop.* Boudinot street, Paterson, New Jersey.

25 Machine for manufacturing nails.—ZENOS R. HINCKLEY (Agent for Manomet Co.), Sandwich, Massachusetts.

26 Improved power punching and shearing presses. (Patent applied for.)—SAMUEL RUST, *manu. and prop.* 203 Duane street, New York City.

27 New rotary power printing press; differing essentially from any press now in use.—JOHN G. NICOLAY, *inv.* Pittsfield, Pike county, Illinois.

28 Improved patent lathe and lathe chucks for turning and finishing watch pivots, pinions, staffs, &c.—JAMES M. BOTTUM, *pat.* Bridgeport, Connecticut.

29 Banding pulleys exhibited in their practical application to machines in motion.—R. W. PARKER, *pat.* Roxbury, Massachusetts.

30 Model of railway car, with P. O'Neill's attachment for ventilating and excluding dust.—E. G. TUCKERMAN, *manu.* 74 Beaver street, New York City.

32 Model of metallic anti-friction carriage hub and axle.—SAMUEL S. BARRY, *pat. and prop.* Cleveland, Ohio.

33 Wood planing and matching machine.—NELSON BARLOW, *pat. and prop.* 50 West Eighteenth street, New York City.

34 Model of file cutting machine.—SOLOMON WHIPPLE, *inv. and prop.* Albany, New York.

35 Rotary steam engine of peculiar construction.—RICHARD C. BRISTOL, *pat. and prop.* Chicago, Illinois.

36 Revolving last-holder—designed to hold the boot or shoe last while the workman is sewing, pegging, or nailing.—H. G. DEWITT & LA MOREE, *inv. and pat.* Napanock, Ulster County, New York.

37 Improved valve hydrant—will resist the greatest possible pressure of water—exhibited for convenience, durability, and economy of use.—SAMUEL PRYOR, *manu.* 384 Sixth avenue, New York City.

38 Two shaping engines for interior and exterior planing of curved surfaces. Drawing frame.—SACO WATER POWER COMPANY, *manu.* Biddeford, Maine.

39 Dudgeon's patent portable hydraulic press.—ELIPHALET LYON, *agent*, 466 Grand street, New York City.

40 Suction and force pump, with horizontal action.—LEVI P. & WM. F. DODGE, *manu.* Newburgh, Orange County, New York.

41 Iron mill for grinding grain. New coffee mill—cuts the bean instead of crushing it. New bark mill and corn cracker.—ASA BARBER, *inv. & manu.* Hancock, Berkshire County, Massachusetts.

42 Reynolds's patent power loom, in practical working order.—WM. BENJAMIN & Co., *manu.* Stockport, Columbia County, New York.

43 Patent self-cooling grist mill. This mill is so arranged that the stones do not come into contact with other.—EDWARD HARRISON, *pat. and manu.* New Haven, Connecticut.

44 Improved patent hydraulic ram.—WM. FIELDS, Jr., M.D., *pat. and prop.* Wilmington, Delaware.

45 Self-adjusting rotary fire engine; force pump and hydrant.—J. C. CARY, *manu.* 48 Courtlandt street, New York City.

46 Saw cotton gin in operation.—BATES, HYDE & Co., *manu. and prop.* Bridgewater, Massachusetts.

47 Machine for paring apples, peaches and other fruits.—CHARLES P. CARTER, *pat. and manu.* 16 Maiden lane, New York City.

48 Patent portable flour mill.—E. T. BUTLER, *pat. and manu.* Buffalo, New York.

52 Patent endless chain, reversible horse power, for driving all kinds of farm and shop machinery.—EMERY & Co., *manu.* Albany, New York.

53 Double toggle-joint horizontal lever hay press.—EMERY & Co. *manu.* Albany, New York.

54 Patent shear cut draft grist mill.—MOORE HOLDEN, *pat. and manu.* Lawrenceville, Dearborn County, Indiana.

55 Model of railway protector. SAMUEL BAKER, *inv.* Portsmouth, New Hampshire.

56 Side stroke fire engine.—WILLIAM JEFFERS, *manu.* Pawtucket, Rhode Island. [North nave.]

57 Town's patent machine for paging the sheets of blank books.—HERMON GRIFFIN, *manu.* 114 Nassau street, New York City.

58 Patent steam engine regulator, comprising governor and valve.—SAMUEL C. HILLS, *agent*, 12 Platt street, New York City.

59 Turning lathe.—CHARLES STUART, *manu.* 15 Canal street, New York City.

60 Power loom harnesses of varnished silk, used in weaving cloth.—NATHANIEL M. PRATT & SONS, *manu. and prop.* Gloucester City, New Jersey.

61 Warner's patent suction forcing and anti-freezing pumps.—A. W. GAY & Co. *agents*, 118 Maiden lane, New York City.

62 New machine for pegging boots and shoes.—A. C. GALLAHUE, *inv.* Pittsburgh, Pennsylvania.

64 Bonnet pressing machine.—Mrs. C. C. DOW, *prop.* National Hotel, New York City.

65 Machine for all kinds of figure weaving.—JAMES LIGHTBODY, *prop.* Jersey City, New Jersey.

67 Scouring and smut machine.—F. HARRIS & SON, *manu.* Elizabethtown, New Jersey.

69 Working model of a water wheel.—SAMUEL REYNOLDS, *prop.* Smithville, New York.

70 Iron concave bran-duster.—JOSEPH JOHNSTON, *manu.* Wilmington, Delaware.

71 Patent portable conical burr-stone mill.—CHARLES ROSS, *prop. and manu.* Rochester, New York.

72 Copying and notarial presses.—E. B. CLAYTON & SONS, *agents*, 161 Pearl street, New York City.

74 Patent machine for weighing and packing ground spices.—SLATER & STEELE, *machinists*, Jersey City, New Jersey.

75 Planing machine and lathe.—HENRY STEELE & Co., *manu.* Jersey City, New Jersey.

76 Working model of a beam condensing engine for a side-wheel steamer.—ALEXANDER C. HUTCHINSON, *prop.* 26 Broadway, New York City.

77 Patent gold leaf beating machine.—WILLIAM VINE, *pat. and manu.* Hartford, Connecticut.

78 Novel rotary machine for mincing sausage meat.—THOMAS ASHWELL, *inv. and manu.* Twenty-seventh street, near Fifth avenue, New York City.

80 Improved method of attaching spokes to the hubs of carriage wheels.—DAVID COLTON, *inv. and manu.* Poughkeepsie, New York.

82 A seaming lathe for stitching linen, cotton, and other fabrics.—WHEELER, WILSON & Co., *manu. and prop.* Watertown, Connecticut. Office 265 Broadway, New York City. [East nave.]

84 Metallic corner dovetailing machine, (Davis's patent,) CHARLES SANFORD, *manu. and prop.* 89 Cedar street, New York City.

85 Patent gold washing machine, amalgamator and magnetic separator, adapted to quartz rock and to all the earths and sands in which gold is found.—NORTON & GARDINER, *manu.* New York City.

88 Wool carding machine.—DANIEL TAINTER, *prop. and manu.* Worcester, Massachusetts.

89 New planing machine for picket fence.—PHINEAS L. SLAYTON, *inv. and prop.* Madison, Indiana.

90 Woodworth's patent machine, for planing, tonguing, and grooving timber.—JOHN GIBSON, *pat. and manu.* Albany, New York.

91 Patent ruling machine.—W. O. HICKOCK, *pat. and manu.* Harrisburg, Pennsylvania.

92 Machine for cutting, dressing, and jointing staves, (Mowry's patent.)—GWYNNES & SHEFFIELD, *prop. and manu.* Urbana, Ohio.

94 Machine for sawing lumber.—CHARLES W. BEMIS, *manu.* Waltham, Massachusetts.

95 Adjustable gauge for setting the bows of carriage tops.—ARTHUR MCKINNEY, *agent,* Tuthill, Ulster county, New York.

96 Small working model of a revolving piston engine, for direct application of power and uniform motion.—BENJAMIN H. WRIGHT, *prop.* Rome, New York.

97 Improved patent bench vice.—NORMAN PORTER, JR., *prop.* Berlin, Connecticut.

98 Patent straight needle vertical sewing machine.—J. M. SINGER & Co., *prop. and manu.* corner Centre and Franklin streets. Office, 258 Broadway, New York City.

100 Woodworth's patent wood moulding machine.—JOHN GIBSON, *manu. pat. and prop.* Albany, New York.

101 Steam engine of glass, in working order, designed for fancy glass blowing.—A. H. OGDEN, *manu.* New York City.

102 Miniature automaton shoe machine.—JNO. J. GREENOUGH, *prop.* 6 Wall street, New York City.

103 Steam pressure gauge and steam pressure and vacuum gauge.—JOSHUA LOWE, *prop.* 47 Dey street, New York City.

104 Model of a railway switch and car.—H. CARPENTER, *inv.* Rome, New York.

105 Brick mills, with improvements in machinery.—D. WHITNEY, *agent* for Patentees, 55 Christopher street, New York City.

106 Lithographic press.—JOHN A. PARKS, *manu.* 68 Clinton street, New York City.

107 Upright steam engine.—SAMUEL BRYANT, *manu.* 99 Columbia street, New York City.

108 Patent steam machine for drilling blast and wedge holes, and for tunnelling.—GEORGE A. GARDNER, *pat.* 22 Chatham street, Boston, Massachusetts.

109 Cylindrical knife polisher (Aumock's patent), SAMUEL CHAPMAN, JR., *manu. and agent,* Broadway Post Office, New York City.

110 Knife polisher. Bread slicing machine.—MOSES PERRY, *prop.* 49 Oliver street, New York City.

111 New electro-magnetic engine for motive power.—PROF. MAURICE VERGNES, *inv.* 166 East Tenth street, New York City.

114 Upright saw for scroll sawing, strained by atmospheric pressure.—WILLIAM M. SLOAN, *agent* for Wright, Rapp & Co., *manu.* Buffalo, Erie County, New York.

115 Patent cylinder steam printing machine.—MARSH & WELCH, *manu. and prop.* 5 Eldridge street, New York City.

116 Improved sewing machine.—ABRAHAM BARTHOLF, *manu. & prop.* 33 Gold street, New York City.

117 Working model of a balance beam saw mill of new design.—DANIEL C. AMBLER, *inv. manu. and prop.* 64 Broadway, New York City.

118 Sewing machine.—DANIEL C. AMBLER, *inv. manu. and prop.* 64 Broadway, New York City.

120 Machine for grooving, dovetailing, &c.—JOSIAH WARNER, *inv. and manu.* 24 Grove Street, New York City.

122 Wilkinson's cylindrical rotary printing press.—WILKINSON, JORDAN & Co., *inv. and manu.* 61 Chambers street, New York City.

123 Model in brass of a new railway truck.—H. M. WOODWARD, *des.* Brooklyn, New York.

124 Model of a press for stamping bills of lading, notes, drafts, &c.—JAMES B. BRUFF, *inv.* 150 Pearl street, New York City.

125 Model of machine for moulding and pressing bricks.—N. ADAMS, *inv. and manu.* Cornwall, New York.

126 Model of railway car for curved track.—LINDLEY MURRAY, *inv.* 49 Merchants' Exchange, New York City.

127 Three sewing machines,—respectively adapted to sewing woollen goods, muslin, and linen fabrics, and leathers.—AVERY SEWING MACHINE Co., *manu.* 251 Broadway, New York City.

128 Sewing machine.—FREEMAN PALMER, *inv. & prop.* Conneaut, Ashtabula County, Ohio.

129 Portable forge and bellows for blacksmiths; portable furnaces and bellows for jewellers and dentists.—FREDERICK P. FLAGLER, *manu.* 211 Water street, New York City.

130 Model of railway carriage.—PAYNE, OLCOTT & Co., *des. & manu.* Corning, New York.

131 Hydrant, upon a new principle.—JAMES COCHRAN, *manu.* Tenth street, New York City.

132 Patent wheels for railway carriages, and veneer cutting machine.—CARMI HART, *manu.* Bridgeport, Connecticut.

135 Steam valves, stop and gauge cocks, steam whistles, globe oil cocks and cups, &c., for marine and stationary engines.—ALBERT W. METCALF, *manu.* 144 Centre street, New York City.

136 Biscuit and cracker machine, to manufacture 100 barrels of flour per diem.—WM. R. NEVINS, *inv. and pat.* 87 Eldridge street, New York City.

137 Vertical back geared power drill.—A. INSLEE & Co., *manu. and prop.* Newark, New Jersey.

139 Brunswick grindstone [in use].—GEORGE S. FITCH & Co., *agents*, 100 Water street, New York City.

140 Improved double geared grist mill and mill spindle; model of flour packer.—JOHN T. NOYE, *pat. and manu.* 20 Main street, Buffalo, New York.

142 Improved self-feeding sewing machine.—PEARSON CROSBY, *pat. and manu.* Fredonia, New York.

143 Improved bark mill.—WILLIAM ANDREWS, *prop.* Frederick, Maryland.

144 Cob crushing machine.—WILLIAM ANDREWS, *prop.* Frederick, Maryland.

145 Cast iron propeller.—BETTS, PUSEY & Co., *man. and prop.* Wilmington, Delaware.

146 Two hydraulic rams.—J. F. GETCHEL, *pat. and manu.* Elkton, Maryland.

147 Machine for planing, tenoning, boring, and morticing timber.—M. & J. H. BUCK, *manu. and prop.* Lebanon, New Hampshire.

148 Patent double action metallic pumps, hydraulic rams, garden engines, iron curbs, &c.—W. & B. DOUGLASS, *manu. and prop.* Middletown, Connecticut.

149 Sewing machine.—J. BACHELDER & Co., *manu.* Lisbon Cotton Mills, Lisbon, Connecticut.

151 A water meter.—STILLMAN A. CLEMENS, *inv. and manu.* Springfield, Massachusetts.

152 Improved machine for breaking and dressing flax.—S. A. CLEMENS, *inv. and manu.* Springfield, Massachusetts.

153 New ventilator for railway cars.—S. A. CLEMENS, *inv. and manu.* Springfield, Massachusetts.

154 Tobacco-plug machine press.—ALFRED A. PARKER, *prop.* St. Louis, Missouri.

156 Patent stereotyping apparatus; machine for finishing the plates.—JASON M. MAHAN, *inv. and manu.* Chesnut street, Philadelphia, Pennsylvania.

159 Model of steam propelling engine.—C. C. WESTLAND, *des.* 66 North Moore street, New York City.

161 Sewing machine.—GROVER, BAKER & Co., *inv. and manu.* Haymarket square, Boston, Massachusetts.

162 Machine stretched leather banding, and the materials for its manufacture.—WM. KUMBEL, *pat. and manu.* 31 and 33 Ferry street, New York City.

163 Steam and water gate regulator.—PERRY DICKSON, *inv.* Blooming Valley, Crawford County, Pennsylvania.

164 Eastman's patent stone dressing machine for plain and ornamental work.—JOSEPH GREELY, *manu.* Nashville, New Hampshire.

166 Small model of the cotton gin, invented by the father of the exhibitor, and patented in 1793.—ELI WHITNEY, *prop.* New Haven, Connecticut.

167 Machine for turning, boring and morticing hubs.—OTIS & COTTLE, *manu. and prop.* Syracuse, New York.

168 Scroll and serpentine turning machine, for turning duplicate profile work for window blinds, and for cutting wood in every variety of fancy forms.—NATHAN CHAPIN, *pat. and manu.* 124 Amity street, New York City.

171 Machine for cutting glass shades, glaziers' diamonds, points for lithographing.—E. KARELSEN, *manu.* 69 Nassau street, New York City.

172 Improved steam boiler water gauge.—A. S. LYMAN, *inv.* Novelty Works, New York City.

173 Steam washing and drying machine, adapted to the use of families, for laundries and hotels.—J. T. KING & Co., *pat. and manu.* 36 Broadway, New York City.

174 Cook's patent circular hand saw, without cog and belt gearing.—HENRY IVES, *prop.* West Meriden, Connecticut.

175 Dunn's patent alarm for steam boilers (attached to one of the boilers in use in the Machine Arcade).—HENRY L. PERRIN, *agent,* 29 Nassau street, New York City.

176 Model of railway car with Livermore's self-coupling and truck guide, to move upon a model of railway track.—EDWARD J. DURANT, *agent,* Lebanon, New Hampshire.

177 Model in tin of a new furnace for manufacturing wrought iron directly from the ore, with specimens of iron made by the process.—JAMES RINTON, *inv. and manu.* Newark, New Jersey.

178 Double cylinder steam engine, employed in propelling the machinery of the exhibition.—GORDON MCKAY, treasurer, "Lawrence machine shop," Lawrence, Massachusetts.

179 Sash, slat, and moulding machine.—J. A. FAY & Co., *manu.* Norwich, Connecticut.

181 Submerged force pump.—AMBROSE TOWER, *manu.* 87 Eldridge street, New York City.

182 Model of horizontal and vertical steam drills.—HENRY G. KNIGHT, *pat.* 7 Court square, Boston, Massachusetts.

183 Centrifugal mill for crushing quartz, &c.—THOMAS CUTLER, *inv. and manu.* Jersey City, New Jersey.

184 Stave dressing and jointing machine.—WELLS & HILL, *prop.* Milwaukie, Wisconsin.

185 Drill, plumb and level.—W. O. C. FRETSCHLER, *inv.* Brooklyn, New York.

186 Steam engine of sixty horse power, employed for driving machinery in the Machine Arcade.—CORLIES & NIGHTINGALE, *manu.* Providence, Rhode Island.

187 Boiler heads and plate iron girders.—HORACE ABBOTT, *manu.* Rolling Mills, Canton, Ohio.

189 Gravitating trap.—JASON GOULD, *inv. and prop.* Albany, New York.

190 Railroad car wheels.—ALBERT ROOT, *agent*, 80 Wall street, New York City.

191 Model of railroad chair.—H. C. BROWN, *prop.* Mount Morris, New York.

192 Saw cotton gin.—E. CARVER & Co., *manu.* East Bridgewater, Massachusetts.

194 Patent centric pestle and mortar.—PLATT C. INGERSOLL, *inv. and prop.* Elmira, New York.—*Agents*, SAXTON, BRIDGE & Co., 214 Broadway, New York City.

195 Patent screw cutting die.—S. & J. GRIFFITHS, *manu.* Philadelphia, Pennsylvania.

196 Steam and gas flues, boiler flues, tools and fittings.—MORRIS, TASKER & MORRIS, *manu.* Pascal Iron Works, Philadelphia, Pennsylvania.

198 Patent hydrostat or apparatus for preventing explosion in steam boilers. It will be attached to a steam boiler in the machinery hall.—SLOAN & LEGGETT, *manu.* Empire Iron Works, foot of East Twenty-fifth street, New York City.

200 Machine for dressing flax, hemp, &c.—L. S. CHICHESTER, *pat. and manu.* Brooklyn, New York.

201 Machine for pegging boots and shoes.—JOHN STANDISH, *manu.* Cuyahoga Falls, Ohio.

202 Machine for setting the teeth of wool and other cards.—WILLIAM A. BROWNING, *prop.* Matteawan, Dutchess County, New York.

203 Machine for making all kinds of cotton rope.—SILAS C. SALISBURY, *manu.* Yonkers, New York.

204 A. B. TAYLOR & SON'S (New York) steam cylinder printing machine. I. & S. ADAMS & Co.'s (Boston) patent printing press; standing press. These machines are employed in printing the weekly journal of the association, and are placed in the east nave of the palace.—GEORGE P. PUTNAM & Co., publishers, 10 Park place.—JOHN F. TROW, printer, 49 Ann street, New York City.

205 New rotary forcing pump.—E. RICHMOND, *manu.* Washington street, Boston, Massachusetts.

206 Cotton coiler, a machine for laying cotton in factory cans, in eccentric helices, at a great saving of space.—E. RICHMOND, *pat. and manu.* Boston, Massachusetts.

207 New and compact multiplying gear for application to machinery where cog wheels are employed.—DIBBEN & BOLLMAN, *manu.* corner Beach and Greenwich streets, New York City.

208 Cotton gin, with burred iron cylinder as a substitute for the saw, exhibited as a great improvement in the mode of separating the staple from the seed.—CALVERT & SARGENT, *manu. and prop.* Lowell, Massachusetts.

210 Loomis's improved patent forge bellows.—HANSON WRIGHT, *manu. and prop.* Decatur, Otsego County, New York.

212 Brick machine and six bricks.—F. H. SMITH, *inv.* Baltimore, Maryland.

213 Stillman's patent spring jaw-temple for looms.—HORATIO S. BERRY, *manu.* Westerly, Rhode Island.

214 Suction and force pumps of improved construction; working model to illustrate the principle.—DANIEL F. HITCHCOCK, *inv. and manu.* Warren, Massachusetts.

215 Centrifugal pipe for water, gas, and artesian well; centrifugal columns.—F. J. LOVEGROVE, *pat. and manu.* Canton, Baltimore, Maryland.

216 Model of curvilinear ocean propeller.—CALVIN FLETCHER, *pat. and prop.* Cincinnati, Ohio.

217 Machine for making jack-chain links.—ARCALOUS WYCKOFF, *inv. and manu.* Cincinnati, Ohio.

218 Wylly's patent drawing regulator, for equalizing the sliver in drawing cotton, &c.—CHARLES COLLINS, *prop.* Hartford, Connecticut.

219 Wylly's automatic power machine for manufacturing roller cots.—CHARLES COLLINS, *prop.* Hartford, Connecticut.

220 Iron railway switch.—LEVI K. WILDMAN, *prop.* Brookfield, Connecticut.

223 High pressure atmospheric engine, upon an entirely new principle.—SYLVESTER B. HIGGINS, *prop.* 54 Water street, New York City.

225 Highly finished working model of single and double acting rotary engine, with new motive power.—STRONG, BUSH & FORMAN, *prop.* Brooklyn, New York.

226 Printing revolver. Pasteboard cutter.—JOHN GAYLORD WELLS, *inv.* Hartford, Connecticut.

227 Model of rotary steam engine.—GEORGE KELLEY, *inv.* Kelley's Island, Erie County, Ohio.

228 Railroad car break.—R. N. HARRIS, *agent,* 39 Wall street, New York City.

229 Horizontal steam engine of thirty-horse power, and of elaborate finish.—JOSEPH S. WINTER (Agent of Winter Iron Works), *manu.* Montgomery, Alabama.—*Agent,* J. BEATTIE, Metropolitan Hotel.

230 Mahogany beer engine, with four pulls.—S. & W. G. DREW, *manu.* 184 Third Avenue, New York City.

231 Brass cocks, valves, &c., for steam engine connections.—WOOD & HUNTER, *manu.* 144 Centre street, New York City.

234 Stocking-net machine.—WILLIAM STOKES, *inv. and manu.* Manayunk, Pennsylvania.

235 Model of direct and double power reversible rotary engine.—EBENEZER BARROWS, *manu.* 228 Water street, New York City.

236 Double acting lever jack screws.—JAMES ST. JOHN, *prop.* 97 Forsyth street, New York City.

238 Model of apparatus for conveying water from springs and wells up hill.—JOSEPH KENT, *des.* Baltimore, Maryland.

239 Drawings of plan, designed by the exhibitor, for an elevated or balcony railway and promenade in Broadway.—JOHN B. WICKERSHAM, *des.* 312 Broadway, New York City.

240 Patent machine for folding newspapers, and for bookbinders' use.—GEORGE K. SNOW, *inv. and pat.* 5 Washington street, Boston, Massachusetts.

241 Working models of planing and tonguing and grooving machines.—GEORGE W. BEARDSLEE, *inv.* Albany, New York.

243 Saw doctor.—HIRAM STRAIT, *inv.* Cincinnati, Ohio.

245 Burnap's press for laying veneers.—L. F. ROBINSON, *manu.* Prospect street, Hartford, Connecticut.

247 Lithographic roller.—JOHN HUSSEY, *manu.* 53 Greene street, New York City.

248 Spark arrestor and deflector for locomotives. Model of the same to explain its operation.—WILLIAM SWANTON, *agent,* 29 Oliver street, New York City,

249 Ornamental punches, cut in steel, for type-founders' use.—J. M. WESTERLY, *manu.* Astoria, L. I., New York.

250 Model of ship biscuit machine, combined with revolving metallic-bottom oven.—JOHN BRUCE, *pat. and manu.* 205 Cherry street, New York City.

251 Reproducing points for lightning rods; unoxydating metallic alloy point for ditto.—JAMES SPRATT, *inv. and pat.* Cincinnati, Ohio.

252 Rat-trap and gravitating bolt sash lock.—EDWARD CONNELLY, *inv.* Indianapolis, Indiana.

255 Fire engine for factories, steamers, &c.—JOHN B. HATCH, *agent,* 38 Water street, Boston, Massachusetts.

257 Machine for carding various substances.—E. KELLOGG & Co., *prop. and manu.* Pine Meadow, Connecticut.

258 New method of driving a circular saw.—HANDEE & HANSFIELD, *inv. and manu.* Concord, New Hampshire.

259 Bookbinders' press and planes.—JOSEPH BRADFORD, 411 Union street, Portland, Maine.

260 Model of a self-adjusting lock railway switch, with miniature car.—JOHN BOLEY, *inv.* Van Buren Centre, Onondaga County, New York.

261 Tobacco press.—Hon. L. M. KENNET, *prop.* St. Louis, Missouri.

262 Machine for backing books. Machine for finishing books.—CHARLES STARR, *inv. and prop.* American Bible House, New York City.

263 Lithographic press.—G. S. MAXWELL, *prop. and manu.* Iron Works, 259 Bowery, New York City.

264 Two mangles.—DUNCAN & WEST, *manu.* 51 Beekman street, New York City.

265 Self-acting pan water-closet.—WM. J. CARR, *manu.* 931 Broadway, New York City.

267 Perfect regulator for steam engines.—JUNIUS JUDSON, *manu. and prop.* Rochester, New York.

268 Jack-screws.—WILLIAM BALLARD, *manu.* 7 Eldridge street, New York City.

269 Patent graduating valve forge tuyere.—W. J. & J. H. BURNETT, *manu.* 258 Third street. Office 308 Broadway, New York City.

271 Tree-nail hole machine.—THOMAS S. LINDSAY, *inv.* 247 South street, New York City.

273 Machine for raising water upon a new principle.—JOSEPH WOODRUFF, *manu.* Rahway, New Jersey.

274 Model of machine for loading and unloading ships.—M. JULES LAVERNE, *inv. and prop.* 39 Wooster street, New York City.

275 Boot and leather sewing machine.—WILLIAM WICKERSHAM, *inv. and pat.* 20 Bulfinch street, Boston, Massachusetts.

276 Double action lifting and forcing pumps.—GILBERT B. FARNAM, *manu.* 34 Cliff street, New York City.

277 Original cylinder of the steamship "Savannah, which in August, 1819, made the first steam voyage across the Atlantic. [She was commanded by Capt. Moses Rogers, who received a silver tea-kettle from Lord Lynedoch. A drawing and description of the tea-kettle accompanies the cylinder.] Complete cylinder of an oscillating beam engine, constructed at the Allaire Works.—ALLAIRE WORKS, *manu.* 466 Cherry street, New York City.

278 Self-adjusting rotary fire engine; force pump and hydrant.—J. C. CARY, *manu.* 48 Courtlandt street, New York City.

279 New machine for paper makers and bookbinders.—MOSES P. HANSON, *prop.* 210 Washington street, Boston, Massachusetts.

280 Machine to test the strength of iron.—WM. H. & P. TOWNSEND, *prop. and agent,* 33 Broadway, New York City.

283 Steam alarm whistle and water indicator.—ROBERT K. JOCKLEY, *inv.* Third street, Philadelphia, Pennsylvania.

284 Register, connected with boiler.—JAMES D. RICE, *inv.* 309 Market street, Philadelphia.

285 Machine for crushing grain, peas, bark, corn, coal, &c Machine for picking mill stones. Machine for holding the iron of planes or moulding tools.—OLDEN NICHOLS, *pat. and manu.* Lowell, Massachusetts.

286 Annunciator for railway carriages, to indicate the name of the station upon the arrival of the train.—D. E. RICE, *pat. and manu.* Detroit, Michigan.

287 Side dies, stamps, and rolls, for the use of bookbinders.—GASKILL, COPPER & FRY, *manu.* 18 Minor street, Philadelphia, Pennsylvania.

288 Printing machine for the blind.—C. H. EISENBRANDT, *manu.* 78 Baltimore street, Maryland.

290 Rotary pumps, of various descriptions; fire engine pump.—EZRA S. WILLIAMS, *manu.* Deep River, Connecticut.

291 Machine for filing circular saws.—CALVIN B. ROGERS, *inv. and manu.* Deep River, Connecticut.

292 Looms for cassimeres and ginghams.—ALFRED JENKS & SON, *manu.* Bridesburg, Pennsylvania.

294 Machine for all kinds of turning in wood.—MILTON ROBERTS, *inv. and manu.* Brooks, Maine.

296 Rope and cordage machine, with samples.—F. & J. W. SLAUGHTER, *inv. and manu.* Fredericksburg, Virginia.

298 Car, carriage, and cart springs.—WM. WRIGHT & Co. *inv. and manu.* Newark, New Jersey.

299 Patent hand-rail and moulding machine.—THOMAS SHEPHERD, Jr., *prop.* Foxborough, Massachusetts.

300 Machine for cutting wheels for clocks and watches.—JOHN G. FELT, *manu.* Salem, Massachusetts.

305 Model of a platform railway car, with truck frames and patent brake.—WM. HALL, *pat. and manu.* North Adams, Massachusetts.

306 Model of a new steam engine.—CALEB TOMPKINS, *inv. and prop.* Cartersville, Georgia. Address care of KENNEDY & HALL, 233 Greenwich street, New York City.

307 Gas regulator.—S. T. CLARKE (Sec. New York Gas Regulator Company), New York City.

308 Model of a railway carriage, made of steel bands, for preventing loss of life in railway travelling.—BERNARD J. LA MOTHE, M.D. *prop.* 9 West Fifteenth street, New York City.

309 Hydraulic pump.—BARKER & GRAVES, *prop.* Honesdale, Pennsylvania.

310 Model of patent pivot blind machine.—MORSE, CHAMBERLAIN & Co., *prop. and manu.* St. Johnsbury, Vermont.

311 Machine factory bands.— CHARLES N. FARNAM, *manu.* Norwich, Connecticut.

312 Railway station indicator; registers the distance passed over, and indicates to passengers the exact position of the car upon the track.—MERRITT F. POTTER, *inv. and prop.* Charlemont, Massachusetts.

313 Steam alarm whistle indicator; a substitute for bells, used by acoustic connection with the cars.—WOOLCOCKS & OSTRANDER, *inv. and manu.* 57 Ann street, New York City.

314 Cast steel tires for car wheels and locomotive driving wheels.—J. J. ABBOTT, *manu.* Manchester, New Hampshire.

315 Circular ventilating window, applicable to railway carriages, steamboats, or dwellings.—CHARLES ALDEN, *manu. and prop.* 6 Wall street, New York City.

316 Model of patent steam engine.—JOSEPH HARRIS, *prop.* Boston, Massachusetts.

317 Machine to bend tin plate and sheet iron.—OSCAR COLLETT, *manu. and prop.* St. Louis, Missouri.

318 Model of labor saving press, combining the principle of the double toggle-joint and pulley, for baling hay, hemp and cotton.—D. MCCOMB, *inv.* Memphis, Tennessee.

319 Machine called "Wheelwright's Assistant."—JOHN SETTON, *prop.* Columbus, Mississippi.

320 Metallic steam gauge.—E. H. ASHCROFT, *manu.* Boston, Massachusetts.

321 Needle pointed card clothing, for flax, hemp, &c.—RICHARD KITSON, *inv.* Lowell, Massachusetts.

322 Model in brass, of patent brick press for making bricks from crude clay.—WAGNER & IMLAY, *inv. and prop.* 2 South wharf, Philadelphia, Pennsylvania.

323 Model of submerged current wheel.—JAMES SECOR, *inv. and prop.* St. Louis, Missouri.

324 Sewing machine.—JONATHAN A. ROSS, *inv.* St. Louis, Missouri.

325 Weavers' reeds.—J. A. GOWDY & SON, *manu.* Providence, Rhode Island.

326 Weavers' reeds.—J. D. COWDIN, *manu.* Fitchburg, Massachusetts.

327 Machine card clothing.—WARREN & BRYANT, *manu.* Lawrence, Massachusetts.

330 Cotton worsted and wire harnesses for machinery.—JOHN KENDRICK, *manu.* Providence, Rhode Island.

331 Superior machine cards.—T. K. EARLE & Co., *manu.* Worcester, Massachusetts.

332 Patent machine screw belt-clasp.—ALBERT M. SMITH, *manu.* Rochester, New York.

333 Prismatic turning lathe.—H. A. VANANDEN, *manu.* cor. of Grand and Tompkins streets, New York City.

334 Working model of improved saw cotton gin.—E. T. TAYLOR & Co., *manu.* Columbus, Georgia.

335 Portable steam engine.—JOHN R. JOHNSON, *prop.* Geneva, New York.

336 Machine for casting stereotype and electrotype plates.—L. JOHNSON & Co., *manu.* type founders, 6 Sansom street, Philadelphia, Pennsylvania.

337 Brick machine for making brick of dry clay.—ISAAC T. SMITH, *agent,* 102 Wall street, New York City.

338 Self clearing anchor.—ISAAC T. SMITH, *agent,* 102 Wall street, New York City.

339 Cranks, axles, and iron for locomotives, &c.—HORATIO AMES, *manu.* Falls Village, Connecticut.

340 Hydraulic ram.—THOMAS HANSON, *agent,* 149 Third Avenue, New York City.

341 Three rolls for lithographers.—GUIDO PFISTER, *manu.* 454 Broome street, New York City.

342 Model of a machine for cutting brads and shoe-nails.—E. H. SMITH, *agent,* 380 Broadway, New York City.

343 Model of a road scraper.—W. D. ARNOTT, *inv.* Washington, D. C.

344 Patent steam engine regulator, comprising governor and valve.—SAMUEL C. HILL, *agent,* 12 Platt street, New York City.

345 Model of Richey's centre vent cast iron water wheel.—WINTER IRON WORKS, Montgomery, Alabama.—*Agent,* J. BEATTIE, Metropolitan Hotel.

346 Lithographic press-work.—JOSEPH LAING & Co., 66 Fulton street, New York City.

347 Circular saw.—JOSEPH HARRIS, JR., *manu. and prop.*

348 Locomotive jack.—E. CORNING & Co., *manu.* Albany, New York.

349 Model to keep cars on the track.—H. D. TAYLOR, *inv.* Newark, New Jersey.

350 Lubricating oil for competition.—HENRY SIZER, *agent,* 12 Broadway, New York City.

351 Flax breaking and dressing machine.—N. L. WILLIAMS, *prop.* Cincinnati, Ohio.

353 Machine for dressing flax, hemp, &c.—L. S. CHICHESTER, *pat. and manu.* Brooklyn, New York.

354 Lubricating balance box.—THEODORE MINNIGS, *inv.* Meadville, Pennsylvania.

355 Cotton gin.—CARVER, WASHBURN & Co., *manu.* Bridgewater, Massachusetts.

356 Lubricating oil for competition, ISAAC D. KNIGHT, *prop.* Philadelphia, Pennsylvania.

358 Drawing of centrifugal engine by H. L. Stuart.—H. BODIEN, 279 West Twenty-eighth street, New York City.

359 Standing press.—HENRY LAW, *manu.* 58 Fulton street, New York City.

360 Model of railroad switch and car.—JOHN F. KLINE, *inv. and manu.* Trenton, New Jersey.

361 A continuous feed drill.—P. A. LEONARD, *agent,* 109 Pearl street, New York City.

362 Planing and morticing machine.—THEODORE TITUS, *manu.* Matteawan, Dutchess County, New York.

363 Ice cream freezer.—C. E. SEAMAN, *inv.* 55 Dock street, Philadelphia, Pennsylvania.

364 Collins's cut-off motion for engines.—ROSE & PENDLETON, *agents,* New York City.

365 Machine for filing saws by power.—H. E. FICKETT, *inv.* 89 Fulton street, New York City.

366 Working model of duplicate motion.—JOHN WALKER, *inv.* 6 Union Place, Hoboken, New Jersey.
367 Model crushing machine.—JOHN W. COCHRAN, *inv.* 32 Cliff street, New York City.
369 Model quartz crushing machine.—JOHN W. COCHRAN, *inv.* 32 Cliff street, New York City.
370 Model stone dressing machine.—JOHN W. COCHRAN, *inv.* 32 Cliff street, New York City.
371 Ship timber sawing machine.—JOHN W. COCHRAN, *inv.* 32 Cliff street, New City.
372 Model dredging machine.—C. H. FONDE, *prop.* 653 Washington street, New York City.
373 Safety railway car wheels, and axles.—B. M. SHERMAN, 97 Water street, New York City.
374 Iron plainer and engine lathe.—W. A. LEONARD, 109 Pearl street, New York City.
376 Samples of boiler felting.—WM. E. BLOODGOOD, *manu.* Rahway, New Jersey.
377 American files.—JOHN RUSSELL, Sing Sing, New York.
378 Patent fluid meter.—JOHN HARTEN, 106 West Thirty-seventh street, New York City.
379 Cotton spinning frame.—B. BRANDRED & SON, *manu.* Oldham, New Jersey.
380 Bobbins and shuttles.—JOSEPH BALDWIN, *manu.* Nashua, New Hampshire.
381 Invalid locomotive chair.—THOMAS E. MINNISS, *inv.* Madrid, Pennsylvania.
382 A static fire regulator.—PATRICK CLARK, *inv. and manu.* Rahway, New Jersey.
383 Hand printing press.—C. FOSTER & BROTHERS, *manu.* Cincinnati, Ohio.
384 Machine for making staves and barrels.—C. B. HUTCHINSON & Co., *inv.* Syracuse, New York.
385 Machine oil for competition.—RAYNER & GILLMAN, *manu.* 154 Water street, New York City.
386 Two water meters.—SAMUEL HUSS, *manu.* Boston, Massachusetts.
387 Anti-friction box for journals.—THOMAS HOPPER, *manu.* Newark, New Jersey.
388 Patent axle boxes.—WILLIAM SHERBURNE, *manu.* 167 Broadway, New York City.
389 Centrifugal sugar cleaning mill.—G. B. HARTSON, *manu.* Globe Iron Works, New York.
390 Working model of pipe railway—EDMUND T. LEE, *inv.* Louisville, Kentucky.
391 Hot water apparatus.—BROWN & ELLIS, *manu.* 22 Spruce street, New York City.
392 Power nail-driving machine.—J. B. HOLMES, *inv. and manu.* Cincinnati, Ohio.
393 Imitation Russia sheet iron.—ALLEN WOOD, *manu.* Philadelphia, Pennsylvania.
394 Patent railway iron.—REEVES, BUCK & Co., *manu.* Philadelphia, Pennsylvania.
395 Lace cutter.—HEZEKIAH HAYS, Orange, New Jersey.
396 Water level safety gauge and indicator.—ALBERT H. JUDD, Marvin Town, Illinois.
397 Locomotive oil can.—J. F. SCHUYLER, 271 West Thirty-third street, New York City.
398 Patent saw mill.—SMITH & KNOWLES, 57 Chambers street, New York City.
399 Model of a brick machine.—SANDS & CUMMINGS, *inv. & prop.* Washington City, District of Columbia.
400 St. John's patent compasses.—CREIGHTON & BLACK, *agents*, New York City.
401 Pump.—KARON REED, *pat. & manu.*
402 Two railway wheels, and model of fish-joint rail.—W. F. SHATTUCK, Waterford, New York.

403 Machine for freezing ice-cream.—ALOIS PETELER, 252 Fourth avenue, New York City.
404 Rotary nail plate feeder.—CALEB ISBESTER, Alleghany City, Pennsylvania.
405 Model of patent brick machine.—A. H. SAMPSON, New Orleans, Louisiana.
406 Railway tuyere, axles, and specimen of iron.—GLENDON IRON WORKS, Boston, Massachusetts.
407 Keg and barrel making machine.—WILLIAM TRAPP, *manu.* Elmira, New York.
408 Working machine for rice hulling.—GEORGE HAGER, *manu.* corner York and Pearl streets, Brooklyn, New York.
409 Boiler plate iron.—CHURCHMAN & ROBERTS, 40 Water street, New York City.
410 Model of working locomotive.—WILLIAM H. HORTON, Jersey City, New Jersey.
411 Machine oil for trial.—DE LA VERGNE & YOCKNEY, 67 Exchange place, New York City.
412 Shafting hangers.—EUMUND DORTER, Bethlehem, New Hampshire.
413 Double acting force and lift pump.—NELSON NEWMAN, *manu.* Cincinnati, Ohio.
414 Model railway-car heating and ventilating stove.—J. M. THATCHER, *inv.* Jersey City, New Jersey.
415 Patent force and lift pump.—RICHARD R. JOHNSON, *inv. and manu.* Covington City, Kentucky.
416 Right-angle crank.—JOSEPH SCARLETT, *inv.* Boston, Massachusetts.
417 Two garden engines.—WM. G. CREAMER, *manu.* New Haven, Connecticut.
418 Portable Mully saw-mill.—BENJAMIN FRAZEE, 262 Broadway, New York City.
419 Paper-cutting machine.—STORRS E. JACKMAN, 49 Oliver street, New York City.
420 Two pieces hammered iron.—GEO. W. LORD & Co., *manu.* 261 Pearl street, New York City.
421 Lathe engine, seven feet.—NATHAN MUNROE, *inv.* Daysville, Connecticut.
422 Scientific instrument relating to motion of engine and piston.—TRUEMAN COOK, *inv.* 11 Twelfth street, New York City.
423 A hand loom.—JOHN A. GARRETSON, *inv.* Salem, Iowa.
424 Machine oil to be tested.—JAS. H. R. PRIEST, 585 Broadway, New York City.
425 Safety money drawer.—ALBERT C. RICHARD, 323 Broadway, New York City.
426 Machine banding.—ISAAC J. GILBERT, *manu.*
427 Capstan and dynometer.—W. A. LEONARD, 75 Merchant's Exchange, New York City.
428 Patent fan-blower and model hydraulic ram.—J. B. CHICHESTER, *inv.* 585 Broadway, New York City.
429 Model of a saw-mill.—JOHN STULL, *inv.* Wilmington, Kent Co., Maryland.
430 Self-feeding patent hand drill.—WILLIAM DAGGET, *inv.* Worcester, Massachusetts.
431 Section railroad axle for curved track.—S. L. DENNEY, *inv.* Christiana, Pennsylvania.
432 Portable saw-mill.—GEORGE PAGE & Co., *manu.* Baltimore, Maryland.
433 Hydrostatic condenser.—ROBERT G. EUNSON, *manu.* 1 Seventh Avenue, New York City.
434 Side-stroke engine.—VAN NESS & TORBOSS, *manu.* New York City.
435 Iron car-brake.—STEPHEN MORSE, *pat. & manu.* Springfield, Massachusetts.
436 Water filter in use.—JOHN PEARCE & Co., *manu.* New York City.
437 Felly machine and set of improved dogs.—N. ADAMS & SON, *manu.* Amherst, Massachusetts.
438 Rotary steam engine.—CASSIUS A. HILLS.

CARRIAGES—CLASS 5.

[The Carriages belong to Class 5, and are numbered apart from machines, because they are not placed in the Machine Arcade, but in Courts 23, 24, 27 and 28 of Division A, opening *from* the Arcade.]

1 Light carriage, of improved construction, exhibited for strength, convenience, and economy.—THORNE & Co., *manu.* Green Point, Kings County, New York.

2 Covered buggy.—M. G. HUBBARD, *manu.* Rochester, New York.

3 Omnibus for twelve passengers.—JOHN STEPHENSON, *manu.* 47 East Twenty-seventh street, New York City.

4 Barouche, phaeton, and light wagon.—MINER & STEVENS, *manu.* 368 Broadway, New York City.

5 Light open pleasure wagon.—JOHN SMITH & SONS, *manu.* Myrtle Avenue, Brooklyn, New York.

6 Four seat rockaway carriage.—KING & WILCOXSON, *manu.* 394 Broadway, New York City.

7 Pleasure carriage of elaborate finish.—LAWRENCE & BRADLEY, *manu.* Chapel street, New Haven, Connecticut.

8 Changeable seat for railway carriage.—JOHN BRIGGS, *pat.* 27 Commercial street, Boston, Massachusetts.

9 A light carriage.—CHARLES BEARDSLEY, *manu.* corner Broadway and Thirty-seventh street, New York City.

10 Large carriage and light wagon.—JOHN C. HAM, *manu.* 358 Broadway, New York City.

11 Light trotting wagon.—DUSENBURY & ARTHUR, *manu.* 102 Laurens street, New York City.

12 Hose carriage.—CITY HOSE Co., No. 8, New York City.

13 Elaborately finished sleigh.—THOMAS L. ROBINSON, *manu.* Boston, Massachusetts.

14 Gazelle wagon, which took the medal at the World's Fair in 1851.—GEORGE W. WATSON, *prop.* Concert Hall, Chestnut street, Philadelphia, Pennsylvania.

15 Open buggy, exhibiting Hubbard's patent carriage gearing.—E. E. LEWIS, *pat. and manu.* Canandaigua, New York.

16 Improved buggy, with folding top, bracket front.—J. L. SMITH, *manu.* 28 East Twenty-ninth street, New York City.

17 Buggy, without top (patent applied for).—J. N. EDSON, *manu.* New Orleans, Louisiana.

18 Patent top-buggy.—E. S. SCRIPTUER, *manu.* Green Point, New York.

19 Tobacco chariot.—HENRY MILLER, *prop.* Detroit, Michigan. Office 150 Front street, New York City.

20 Buggy, without top.—R. MCKINSTRY, Jr., 450 Broadway, New York City.

21 Light open buggy,—BRADLEY & WOODRUFF, *manu.* Rahway, New Jersey.

22 Hose carriage of elaborate finish.—HOPE HOSE Co., Philadelphia, Pennsylvania. [North nave.]

23 Hose carriage, richly ornamented.—NEPTUNE HOSE Co., Philadelphia, Pennsylvania. [North nave.]

24 Four-wheeled dog cart.—WOOD, TOMLINSON & Co., *manu.* 410 Broadway, New York City.

25 Carriage, with Haussknecht's patent short turning gear.—HAUSSKNECHT, JOHNSON & Co., *manu.* Broad street, New Haven, Connecticut.

CLASS 7.

Civil Engineering, Architectural and Building Contrivances.

DIVISION A. COURTS 26, 29.

[The models of bridges are placed in Division B.—South.]

1 Specimens of modelling in card board.—JAMES WINCKWORTH, *manu.* **102** Canal street, New York City. [North gallery.]

2 Model of elevated railway for Broadway.—PATRICK O'NEIL, *des.* South Brooklyn, New York.

3 Ventilated window awnings for dwellings, offices, &c.—C. B. MCDOUGAL, *manu.* 474 Hudson street, New York City.

4 Variety of ornamental hot-air registers and ventilators.—D. CULVER, *manu.* 52 Cliff street, New York City.

5 Gravitation door closer.—MINARD T. COOPER, *inv. & manu.* Pleasant Valley, Dutchess County, New York.

6 Model of a suspension bridge.—ALBERT FINK, *des.* Baltimore.

7 Various patterns of ventilators and hot air registers.—TUTTLE & BAILEY, *manu.* 293 Pearl street, New York City.

8 Model of a bridge in wood and iron; model of a roof.—HENRY LANAGAN, *inv.* Boston, Massachusetts.—*Agent*, L. F. HOLMAN, 65 Chatham street, New York City.

9 Model of Scott's patent railway suspension bridge.—WM. G. W. JAEGER, *prop.* Baltimore, Maryland.

10 Block letters for signs, carved by machinery, and gilded.—BENJAMIN F. CRAGIN, *manu. & prop.* 20 Nassau street, New York City.

11 Patent lever gate.—THOMAS & LIVINGSTON, *prop.* Utica, New York.

12 Ornamental sign of white crystallized ground, with gold letters.—JOHN W. GIBBS, *painter*, 36 Maiden lane, New York City.

13 Mathewson's patent weather strip. The same applied to model of a door. —N. M. PHILLIPS & Co., *manu.* 480 Broadway, New York City.

14 Model of a railway suspension bridge.—WENDEL BOLLMAN, *inv.* Mount Clare Works, Baltimore.

15 Various specimens of signs in writing, block and fancy letters in gold and colours.—A. & G. BRANDON, *manu.* 4 Tryon Row, New York City.

16 Patent iron door for prison cell.—MCMURRAY & PAWLEY, *prop.* St. Louis, Missouri.

18 Model of a patent ornamented pine floor, constructed without nails or visible joints; models of parquette floors; model of a circular stair-case sustained by its own weight.—FERDINAND DORNBRACH, *manu.* 60 Chrystie street, New York City.

19 Fire-proof flooring.—ALFRED PELL, *inv.* 3 Great Jones street, New York City.

20 Model of a progressive coffer-dam to tunnel across rivers.—JOHN BOOT, *inv.* Chicago, Illinois.

21 Model of a Grecian conservatory executed in satinwood and mahogany.— JOHN CASEY, *manu.* 122 First Avenue, New York City. [North gallery.]

22 New and improved style of window sash.—MIGHILL NUTTING, *prop. & man.* Beverly, Massachusetts.

24 Specimen of patent metallic pavement.—SAMUEL NOWLAN, *inv. & prop.* 31 City Hall, New York City.

25 Ground and elevation plans of a staircase.—ED. MUELLER & CH. MORRELL, *stair builders*, 121 Third Avenue, New York City.

27 Model of self-sustaining arch truss bridge.—WM. H. ALLEN, *inv. & manu.* 36 Sackett street, Brooklyn, New York.

28 Model of a railroad bridge.—F. KIME, *des. & prop.* New Haven, Connecticut.

29 Corinthian column of cast iron.—L. COLWELL & Co. *manu.* 27th street, near Eleventh Avenue, New York City. [East nave.]

30 Camp's ventilator and chimney cap.—CANNON & BROTHER, *manu.* 134 Chapel street, New Haven, Connecticut.

31 Model of a patent fire safety stair-case.—OLIVER B. PIERCE, *des. & manu.* Rome, New York.

32 Model of a railway suspension bridge.—HAMMOND HOWE, *manu. & prop.* Cincinnati, Ohio.

34 Venetian blinds.—FRANKLIN & FORD, *manu.* 2½ South Eighth street, Philadelphia, Pennsylvania.

36 Elizabethan block letter sign; block letter foliated script sign.—WM. M. LANING, *des. & manu.* 276 Baltimore street, Baltimore, Maryland.

38 Ornamental centre-piece in plaster.—THOMAS HEATH, *manu.* corner of Arch and Eleventh streets, Philadelphia, Pennsylvania.

39 Model of new ventilator. [One of these ventilators in operation upon the Machine Arcade.]—HOLMES & BUTLER, *prop.* 122 Water street, New York City.

40 Coil of water proof safety fuse for blasting, &c.—ALBERT F. ANDREWS, *manu.* Avon, Connecticut.

41 Models of roof in zinc; funereal monument in zinc; self-supplying fountain in zinc; cornice and console in rolled zinc.—LEON LEROY, *manu.* 99 Duane street, New York City.

42 Model of iron railway bridge (Col. Long's patent), M. M. WHITE, 39 Wall street, New York City.

43 New style of parlor door.—J. G. DUBOIS & Co., *manu.* 306 West Thirtieth street, New York City.

44 New chestnut door.—A. B. BARNARD, *manu.* 94 Wall street, New York City.

45 Specimens of carved capitals for columns; carved and sawed trusses and brackets for cornices; ornamental sawed and turned picket fence; cornices of various styles; veneered stair newells; ornamental signs and sign boards for stores, &c.—J. H. DOUGHTY, *manu.* 387 Grand street, New York City.

46 Model of a suspension bridge.—W. O. C. FRETSCHLER, *inv.* Brooklyn, New York.

47 Model of a bridge.—GEO. H. White, *prop.* Springfield, Massachusetts.

48 Drawing of a plan for elevated or balcony railway and promenade on Broadway.—J. B. WICKERSHAM, *des.* 312 Broadway.

49 Model of an elevated railway for Broadway, or other crowded thoroughfares.—JOHN RANDEL, JR., C.E. *des. and inv.* Chesapeake City, Cecil County, Maryland.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor, and Accoutrements.

DIVISION A. COURTS 1 AND 2.

1 Carriages and implements complete for field-battery, from Watervliet Arsenal; muskets, musketoons, &c., from the Springfield Arsenal; rifles and pistols from Harper's Ferry Arsenal; bronze cannon, regulation and fancy swords from Ames Manufacturing Company, Chicopee, Massachusetts, all the property of the United States government, and exhibited by permission.

2 Variety of fire-arms.—ALLEN & THURBER, *manu.* Worcester, Massachusetts.

3 Ship ventilators, windlass and capstan.—CHARLES PERLEY, *manu.* 114 Columbia street, New York.

4 Patent revolvers and sporting guns, with Maynard's self-primer attached.—MASSACHUSETTS ARMS COMPANY, Chicopee, Massachusetts.

5 Ship's binnacle, in rosewood; ship compasses, with illuminated dials.—ROBERT MERRILL, *manu.* 149 Maiden Lane, New York City.

6 Nautical life bucket and stool combined.—W. R. HARDING, *prop.* 80 Wall street, New York City.

7 Lapwork row boat, of cedar and oak, varnished and copper-fastened.—CHANDLER L. INGERSOLL, *manu.* 250 South street, New York City. [East nave.]

8 Model of a full rigged fancy yacht.—EDMUND THOMAS DARLING, *builder*, Port Jefferson, Long Island, New York.

9 Patent safety anchors, single and double—[outside the building.]—WILLIAM A. KENTISH, *pat. & prop.* 159 West street.

10 Breech-loading and self-cleaning rifles; shot guns and pistols: self-cocking rifles and pistols; prepared cartridges.—MARSTON FIRE-ARMS MANUFACTURING CO.; office 205 Broadway, New York City.

11 Cast steel patent muzzle target rifle; iron breeched sporting rifle, needle rifle, and needle carbine.—GEO. P. FOSTER & Co., *manu.* Princeton, N. J.

12 New model of U. S. percussion rifle; new breech-loading fire-arms; patent revolvers.—ELI WHITNEY, *manu.* Whitneyville, New Haven, Connecticut.

13 Man-of-war cutter, entirely of copper, 31 feet long.—FRANCIS METALLIC LIFE BOAT CO.; office 10 Broadway, New York City.

14 Various kinds of revolving fire-arms.—SAMUEL COLT, *manu.* Hartford, Connecticut.

15 Improved life-boat, of galvanized iron, with end and side air chambers and self-acting bailing valves. [East nave.]—LEWIS RAYMOND, *pat. & manu.* 122 Avenue D, New York City.

16 Model of a ship's hull.—ROBERT UNDERHILL, *shipbuilder*, 235 East Broadway, New York City.

17 Improved capstan—(patent applied for).—YOUNG & STILES, *inv. & manu.* 337 Stanton street, New York City.

18 Boat oars and sweeps, manufactured by machines, from the log. [These oars are placed with articles of Class 7.]—EZEKIEL PAGE, *manu.* Gerard, Erie Co., Pennsylvania. *Agent*, E. W. PAGE, 20 West street, New York City.

19 Model of ship.—THOMAS BROOKS, *des.* Portsmouth, Virginia.—*Agents*, REED & NASH, New York City.

20 Model of a yacht-rigged cutter.—L. FANNIN, *des. & builder*, 128 Ninth Avenue, New York City.

21 Newly invented grapnel.—JAMES TUCKER, *inv.* Washington City, D. C.

22 Model of a sea yacht.—FREDERICK S. COPLY, *inv. & manu.* 159 Atlantic street, Brooklyn, New York.

23 Model of a new patent method of ship-building.—GEORGE W. FELLOWS, *engineer*, 385 Broadway, New York City.

24 Full dress uniforms of the commissioned officers of the United States army and navy, made from American blue cloth, manufactured by Messrs. SLATER & SONS, of Webster, Massachusetts. Military chapeaux, caps, swords, &c.—F DERBY & Co., *manu.* 12 Park place, New York City. [In the gallery.]

25 Complete military equestrian equipment for major-general and colonel in the U. S. army.—THORNTON, GRIMSBY & Co., *manu.* St. Louis, Missouri. [In the gallery.]

26 Brass wheel blocks, shears, eye bolts, butts, ship hinges and hasps, and all manner of brass hardware for naval purposes.—C. B. TIMPSON, *manu.* 126 Cherry street, New York City.

27 Two models of clipper ships.—JENS GRAN, *des. & mak.* Boston, Mass.

28 Anti-corrosive percussion caps (United States Government style) for muskets and pistols.—ROLAND D. SOLLACE, *agent*, 19 Courtlandt street, New York City.

29 Model, exhibiting new method of caulking vessels with India rubber, or other elastic substances.—BENJAMIN F. COOKE, 63 Court street, Boston, Massachusetts.

30 Patent ship's blocks.—JOHN P. BONNELL, *manu.* 236 South street, New York, City.

31 Improved percussion lock whaling gun, and patent bomb lance, for killing whales.—TRACY & BRAND, *prop. & manu.* Norwich, Connecticut.

32 Model of sloop of war of twenty-two guns.—BARTLETT, *des.* Green Point, New York.

33 Model of a clipper ship.—WILLIAM A. LILLIE, *shipbuilder*, 4 Avenue D, New York City.

34 Model of a clipper ship, showing arrangements of beams, hatches, &c.—DANIEL D. WESTERVELT, *shipbuilder*, New York City.

35 Model of pilot boat "Enchantress."—DANIEL D. WESTERVELT, *shipbuilder*, New York City.

36 Guns, rifles, and pistols.—JOHN KRIDER, *manu.* corner Walnut and Second street, Philadelphia, Pennsylvania.

37 Patent horizontal top-sail and patent seam canvas for sails; model of main and top-gallant sails.—JAMES MAULL, *pat. & manu.* Delaware avenue, Philadelphia.

38 Corresponding ship ventilators; model to show mode of operation.—FREDERICK EMERSON, *prop.* Boston, Massachusetts.

39 New revolving guns and pistols.—P. W. PORTER, *inv.* Memphis, Tennessee.

40 Patent ship ventilators.—WARREN ROBINSON, *pat. & manu.* 31 Bradley street, New Haven, Connecticut.—*Agent*, J. A. BRUSH, 83 Pike Slip, New York City.

41 Models of steamboat and pilot boat.—S. S. CHRISTIAN, *des.*

42 Model of steering wheel for ships.—NATHANIEL F. EDSON, *prop.* New Orleans, Louisiana.

43 Model of steamboat wheel.—DANIEL GRIFFIN, *des. & manu.* 47 Dey street, New York City.

44 Model of a clipper corvette, with miniature armament.—WILLIAM CROLIUS, *des.* 241 Henry street, New York City.

45 A variety of powder flasks.—WILLIAM FOSTER, *manu.* Newark, New Jersey.

46 Copper powder flasks.—JOHN MATTHEWMAN, *manu.* 185 Orange street, New Haven, Connecticut.

47 Life preservers.—CORBIERE & TUCKER, *manu.* 8 Peck Slip, New York.

48 Half model of steamer "Leviathan."—D. DAVISON, *des.* New York City.

49 Model of steamboat.—WHITLOCK, NICHOLS & Co., 84 Front street, New York City.

50 Half models of steamships Illinois and Georgia.—SMITH & DIMON, *builders*, New York City.

51 Cook's patent repeating fire-arms.—COLUMBIAN IRON WORKS, Brooklyn, New York.

52 American, British, and French national flags.—ROBERT S. WALKER & SON, *manu.* 164 Walker street, New York City.

53 Rifle in case.—WOLFE, GILLESPIE & Co., 193 Pearl street, New York City.

54 Working model of steamboat.—H. A. WEED, Madison street, Brooklyn, New York.

55 Model of ship in glass case.

56 Half model of ship's hull.

57 Model of ship "Ione" at sea.—JOHN SMITH, *des.* 554 Broadway, New York City.

58 Model of ship "Josephine."—GEORGE WRIGHT, *des.* 238 Bowery, New York City.

59 Corcoran's repeating rifle and pistol.—W. HIGLEY, *manu.* Hartford, Connecticut.

60 Sharp's patent primer attached to a shot-gun.—C. SHARP, *inv. and manu.* Hartford, Connecticut.

61 Percussion caps.—DR. JOSEPH GOLDMARK, *manu.* 24 Exchange place, New York City.

62 Shot belts and shot pouches.—JOSEPH F. CAPEWELL, *manu.* Woodbury, Connecticut.

63 Military goods, passementerie, &c.—WM. H. HORSTMANN & SONS, *manu.* 51 North Third street, Philadelphia.

64 Life-preserving stools.—G. P. TEWKSBURY, *pat. and manu.* Boston, Massachusetts.

65 Model of steamboat for making the voyage to Liverpool in thirty-six hours.—CHARLES KEPPEL, *des.* 419 South Charles street, Baltimore, Maryland.

66 Capstan for ships and steamboats.—JNO. W. HOBBS, *manu.* Boston, Massachusetts.

67 Full model of the steamship "Black Warrior."—COLLYER & ROZURS, *shipbuilders*, Nineteenth street, New York City.

68 Ship's blocks.—Waterman & Russell's patent.—BURR, WATERMAN & Co., *manu.* 114 South street, New York City.

69 Half model of a steamship.—J. H. GROTECLOSS, *des.* 45 King street, New York City.

70 Patented ship steerer.—CALEB REED, *pat.* Boston, Massachusetts.

71 Model of a clipper ship.—A. DEKKE, *des. and maker*, Boston, Massachusetts.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

EAST GALLERY.

1 General agricultural implements and appliances.—LONGETT & GRIFFING, *prop. and manu.* 25 Cliff street, New York City.

2 Agricultural machinery and implements; various field and garden seeds, and fertilizers.—R. L. ALLEN, *manufactory and warehouse*, 189 and 191 Water street, New York City.

3 Various agricultural and horticultural implements; samples of seeds.—JOHN MAYHER & Co., *prop. and manu.* 197 Water street, New York City.

4 Patent excelsior straw, hay, and cornstalk cutter.—E. F. TAYLOR, THOMAS & Co., *prop.* 125 Pearl street, New York City.

5 Hominy and samp mill; model of do.—JAMES HUGHES, *inv. and prop.* Cambridge, Indiana.

6 Cloverseed hulling and cleaning machine.—MARTIN H. MANSFIELD, *prop. and manu.* Ashland, Ohio.

7 Improved cheese press.—WILLIAMS & HACKLEY, *prop. and manu.* Belleville, New York.

8 Patent corn sheller.—EBENEZER ROBINSON, *prop.* Greencastle, Pennsylvania.

9 Patent premium churns.—J. B. TILLINGHAST, *inv. and prop.* Point Harmor, Ohio.

10 The farmer's labor-saving machine for threshing, separating, cleaning, and bagging grain; model of grain thresher and separator; model of an improved bolting apparatus, arranged to throw off specks; model of labor-saving machine, for preparing all kinds of grain.—ELISHA S. SNYDER, *manu.* Charlestown, Virginia.

11 Booth's patent grain separator, for millers.—J. N. & D. ELMORE, *prop.* Elmira, New York.

12 Model of a reaping and sowing machine.—DANIEL FITZGERALD, *manu.* 120 Orchard street, New York City.

13 Folding adjustable grain cradle.—CHRISTOPHER P. KELSEY, *manu.* Livingstonville, New York.

14 Patent grain separator for millers' and for farmers' use.—AUGUSTUS B. CHILDS, *manu. and prop.* Rochester, New York.

15 Thermometer churn.—WILLIAM A. CROWELL, *pat. and manu.* Lime Rock, Connecticut.

16 New rotary threshing machine for all kinds of grain and seed, except corn. —WILLIAM R. PALMER, *inv. and prop.* North Carolina. Address care of S. D. LANE, 52 John street, New York City.

17 Improved belt-geared, endless chain, railway horse-power.—E. J. & F. JEROME, *prop.* Hempstead Branch, Long Island, New York.

18 Threshing machine.—B. G. H. HATHAWAY, *inv. and manu.* Rock Stream, Yates County, New York.

19 Hoes for garden and field use.—HOMERS & LADD, *manu.* Boston, Massachusetts.

20 Atkins's automaton self-raking reaper.—J. S. WRIGHT, *prop.* Illinois.

21 Davis's patent self-adjusting churn.—GEO. A. BLANCHARD, *agent*, Concord, New Hampshire.

22 White ash and hickory hay rakes.—WILLIAM STEDMAN, *manu.* Tyringham, Massachusetts.

23 Adjustable double swivel plough.—ROBERT CRISWELL, *pat. and manu.* Brooklyn, New York.

24 Hoes and edge tools.—L. BOLLES & Co., *manu.* Oxford, New York.—*Agents*, LONGETT & GRIFFING, 25 Cliff street, New York City.

25 Machine for sowing grain, guano, &c.—S. & M. PENNOCK & Co., *manu.* Kennet square, Chester County, Pennsylvania.

26 Patent parallel level and horizontal hay press.—DEERING & DEDERICK, *prop.* Albany, New York.

27 Wheat harvesting machine; machine for harvesting timothy and other grasses.—JEPTHA A. WAGENER, *inv. and manu.* Pulling, Steuben County, New York.

28 Improved plow.—JOHN S. IRICK & Co., *manu.* Burlington, New Jersey.

29 Hand rakes for hay, &c.—BROGA & CHILDS, *manu.* West Beckett, Berkshire County, Massachusetts.

30 Steel mould-board ploughs.—GEO. C. MILLER & Co., *prop. and manu.* Cincinnati, Ohio.

31 New and patent agricultural machine for threshing and separating grain.—JOSEPH C. GILBERT, *manu.* 216 Pearl street, New York City.

32 Model of a perpendicular hay-press.—GEORGE SNYDER, *prop.* Rhinebeck, New York.

33 Improved plow.—P. F. PROSEUS, *manu.* Volatie, New York.

34 Rotary ditching machine, for draining land.—RALPH C. PRATT, *inv. and manu.* Canandaigua, New York.

35 Improved steel mould-board plow.—TOBEY & ANDERSON, *prop. and manu.* Peoria, Illinois.

36 Improved bent hay rakes.—AMOS RUGG, *manu.* Montague, Massachusetts.

37 Scythes and snathes.—MANSFIELD & LAMB, *manu.* Smithfield, Rhode Island.

38 American planters' cast-steel hoes.—AMERICAN HOE Co. *manu.* Winsted, Connecticut.—*Agents*, BOYD & KEEN, 11 Gold street, New York City.

39 Steel and mould ploughs.—GARRETT & COTTMAN, *manu.* Cincinnati, Ohio.—*Agents*, CONLEY, KIRK & Co., 235 Front street, New York City.

40 Agricultural machinery and various implements.—RUGGLES, NOURSE, MASON & Co. *pat. and manu.* Boston and Worcester, Massachusetts.

41 A general assortment of agricultural and horticultural machines and implements.—RALPH & Co., *manu. prop. and agents*, 23 Fulton & 194 Water street, New York City.

42 Various ploughs—MINOR HORTON & Co. *manu.* Peekskill, New York.

43 Moffitt's improved horse power threshing machine.—J. R. MOFFITT, *inv.* Piqua, Ohio.—GEORGE H. KNIGHT & BROTHER, *agent*, 141 Maine street, Cincinnati, Ohio.

44 Garden rakes and hoes.—A. E. LYMAN, *prop. and manu.* Williamsburgh, Massachusetts.

45 Scythes for mowing grass, grain, and brambles; hay knives; hay, straw, and manure forks.—DAVID J. MILLARD, *manu.* Clayville, Oneida County, New York.

46 Improved straw cutters and churn attachment.—O. W. SEELEY, *manu.* Albany, New York.

47 Hay-cutter; corn-sheller.—BACKUS & BARSTOW, *manu.* Norwich, Connecticut.

48 Maize or Indian corn harvester.—JACOB L. REAM, *inv. and manu.* Pulaski, Illinois.

49 Agricultural machines and implements.—EDDY, DYER & Co., *manu. and prop.* Washington, New York.

50 Reaping machine and machine for dressing mill-stones.—THOMAS D. BURRAL. *manu. and prop.* Geneva, New York.

51 Mower and reaper.—OBED HUSSEY, *manu. and prop.* Baltimore, Maryland.

52 Assortment of shovels and spades.—OLIVER AMES & SONS, *prop. and manu.* North Easton, Massachusetts.

53 A nest of corn and fruit baskets.—ALMOND BACON, *manu.* Lyme, Connecticut.

54 Vegetable cutter; feed-cutter, for hay and straw, &c.—EDMUND MOODY, *manu. and prop.* Birmingham, Connecticut.

55 Reaping and self-raking machine.—GREGG & DENTON, *prop. and manu.* Peoria, Illinois.

56 Reaping machine.—SEYMOUR, MORGAN & Co. *prop. and manu.* Brockport, New York.—*Agents*, MAYHER & Co., 197 Water street, New York City.

57 Rotary spades and seeding drills.—L. H. GIBBS & Co., *inv. and manu.* Washington, District of Columbia.

58 Reaping and mowing machine.—JOHN H. MANNY, *prop. and manu.* Freeport, Illinois.

59 Newly constructed reaping and mowing machine; seed planter.—H. L. EMERY, *inv. and manu.* Liberty street, Albany, New York.

60 The United States grain and seed fan.—JESSE ROBERTS, *inv. and prop.* Norristown, Pennsylvania.

61 Ohio premium combination bee hive.—E. W. PHELPS & Co., *manu.* Westfield, Massachusetts.

62 Drain tiles for land drainage.—A. S. BABCOCK, *manu. etc.* Albany, New York.

63 Improved plough.—F. A. PRATT, *inv. and prop.* Auburn, Virginia.

64 Patent improved straw cutter.—A. S. KUNCKEL, *inv. and prop.* Marietta, Ohio.

65 Patent one and two horse iron ploughs, and patent hill-side or flat land swivel beam, and double mould-board cast iron plough.—HALL & SPEER, *manu.* Pittsburgh, Pennsylvania.

66 Straw cutters and ploughs.—JOHN MOORE, *manu. and prop.* 193 Front street, New York City.

67 Horse rake and an improved harrow.—JOHN R. & R. DOWNER, *manu. and prop.* Castleton, New York.

68 Machine for threshing, cleansing, and bagging grain, by one operation.—G. F. S. ZIMMERMAN & Co., *inv. and manu.* Charlestown, Virginia.

69 Portable grist mill.—JAMES D. OWENS, *manu.* Pittsburgh, Pennsylvania.

70 Mowing and reaping machine.—EDWARD D. FORBUSH, *manu.* Buffalo, New York.

71 Patent improved churns.—S. P. FRANCISCO, *prop.* Reading, Pennsylvania.

72 Atmospheric lever churn.—JOHN O'NEILL, *pat. and manu.* Xenia, Ohio.

73 Model of a corn-sheller; model of a kiln for drying corn and grain.—WILLIAM READING, *pat. and agent*, 131 West 40th street, New York City.

74 Adjustable iron harrow.—WILLIAM BERLIN, *manu. and prop.* Berryville, Virginia.

75 Ketchum's mowing machine.—HOWARD & Co., *manu.* Buffalo, New York.

76 Indian corn husking machine.—THOMAS C. HARGREAVES, *manu.* Schenectady, New York.

77 Patent corn and seed planter.—JOSHUA WOODWARD, *inv.* Haverhill, New Hampshire.

78 A variety of agricultural implements.—HENRY PARTRIDGE & Co., *manu.* Medfield, Massachusetts.

79 Bee-hive.—JOHN H. DENNIS, *manu.* Boston, Massachusetts.

80 McCormick's Virginia reaper and mower.—CYRUS H. MCCORMICK, *prop.* Chicago, Illinois.

81 Improved two wheel plough.—RODERMANN & RONCÉ, *prop. and manu.* St. Louis, Missouri.

82 Model of a patent hemp and corn cutter.—WILLIAM B. COATES, *inv. and prop.* Washington City, D. C.

83 Grain mills.—CHARLES CROFUT, *manu.* Connecticut.

84 Improved grain separators, for millers and farmers.—GEORGE B. SALMON *pat. and manu.* Elgin, Illinois.

85 Agricultural boilers, for farmers' use.—MANN, TORRANCE & Co., *manu.* Troy, New York.

86 Shovels, spades, and scoops.—DURYEA & RHODES, *manu.* Platt street, New York City.

87 Cast steel hoes, forks, rakes and other implements.—TUTTLE MANUFACTURING Co., *manu.* Naugatuck, Connecticut.

88 Baker's patent gang plough and seeder.—FRANKLIN BROWNELL, *prop.* Niles, Michigan.

89 Grain Mills.—MOODY & MARSH, *manu.* Bridgeport, Connecticut.

90 Hay and manure forks.—MYER & ERVINN, *manu.* Philadelphia, Pennsylvania.

91 Improved scythe rifles, or sharpeners.—EDWARD CROSSMAN, *manu.* Canaan, Columbia County, New York.

92 Kimball's patent shovels.—MASSACHUSETTS SHOVEL CO., *prop. and manu* —*Agent*, SUMNER BALCOM, Worcester, Massachusetts.

93 Shovels and spades.—OLD COLONY IRON CO., *manu.* Taunton, Massachusetts. —*Agents*, JOHN S. BUSSING & Co., 32 Cliff street, New York City.

94 Pomological specimens, or models (in composition) of choice fruits, for aiding fruit growers in increasing and improving their varieties.—TOWNEND GLOVER, *des. and manu.* Fishkill, New York.

95 Model of a patent bran-duster, or atmospheric bolt.—CARR & HUGHES, *inv. and prop.* Cambridge, Indiana.

96 Atmospheric churn.—ABRAHAM HYAM, *prop.* Baltimore, Maryland.

97 Model of G. & G. Feaga's patent machine for separating garlic, smut, &c., from grain.—JOSEPH GLAZE, *prop.* Frederick City, Maryland.

98 Improved corn and seed planter.—GEORGE PHILLIPS, *prop.* 636 South Front street, Philadelphia, Pennsylvania.

99 Model of "the golden harvester," a machine for raking, reaping, and binding grain.—AUGUSTUS ELLIOT, *inv. and prop.* San Francisco, California.

100 Patent apple and peach parer and discharger.—CHARLES P. CARTER, *inv. and prop.* 16 Maiden lane, New York City.

101 Model of Baker's patent spring horse rake and model of Hovey's patent riding horse rake.—N. A. DAVIS, *prop.* Sutton, New Hampshire.

102 Shovel and spades.—PIERCE & WOOD, *manu.* Middleborough, Massachusetts.

103 Patent machine for paring, coring, and quartering apples.—SMITH & FENWICK, *inv. and prop.* 14 Vandam street, New York City.

104 Patent cast iron cheese press.—DAVID DICK, *inv.* Meadville, Pennsylvania. —*Agents and manu.* HADLEY FALLS CO., Holyoke, Massachusetts.

105 Patent platform beehive.—SYLVESTER DAVIS, *inv. and prop.* Claremont, New Hampshire.

106 Model of a pen and trough to illustrate an improved method of feeding swine.—R. M. ABBE, *prop.* Enfield, Connecticut.

107 Model of a patent machine for grading roads and digging ditches.—WM. D. ARNETT, *inv. and prop.* Fairfield, Iowa.

108 Model of a flexible cast iron fence for farms.—M. P. COONS, *manu.* Brooklyn, New York.

109 Model of an improved cultivator.—T. J. TUTHILL, *prop.* Elmira, New York.

110 Hay and manure forks.—NORTH & DENIO, *manu.* Fly Creek, New York.

111 Model of F. Wingo's patent improved straw and stalk cutter —IRA B. ROSE, *prop.* Hancock, New York.

CLASS 10.

Philosophical Instruments, and Products resulting from their use, including Horological and Surgical Instruments and Appliances.

DIVISION D. COURTS 11, 16, 17, 22.

1 Base line apparatus—for laying off the base line in geodetic triangulations.
2 Astronomical transit instrument.
3 Astronomical zenith telescope.
4 Half-inch theodolite, for primary triangulations.
5 Heliostat.
6 Horizontal sectors, for secondary triangulations.
7 Plane table and metre chain.
8 Sextants, used in hydrography.
9 Steelwagen's sounding lead and specimens of ocean bottom.
10 Saxton's deep sea thermometer.
11 Sphere crushed by the pressure of deep sea.
12 Saxton's reflecting pyrometer.
13 Electrotypes, comprising model plates and their electrotype moulds and duplicates.
14 Electrotype copper, exhibiting great hardness, elasticity, and sonorousness.
15 Hydrographic and plane table sheets.
16 Maps and charts of the U. S. Coast Survey, and progress sketches.
17 Reductions for engraving.
18 Self-registering tide gauge.

[The foregoing numbers, from 1 to 17, are contributed by the BUREAU of the COAST SURVEY of the TREASURY DEPARTMENT of the UNITED STATES, Washington, D. C.]

19 Standard measures of capacity · standard weights; standard yard measure.
20 State balance, of three sizes.
21 Mint balance of the United States.
22 Standard weights, measures, and metre of France.

[The foregoing numbers, from 19 to 22, are contributed by the OFFICE OF WEIGHTS AND MEASURES of the TREASURY DEPARTMENT of the UNITED STATES, Washington, D. C.]

23 Revolving and flashing Fresnel light of the first order, manufactured by Lepaute of Paris, and imported by the United States Government for the Light-house at Cape Hatteras. This beautiful apparatus is placed in the South nave, and is exhibited through the courtesy of the LIGHT-HOUSE BOARD of the TREASURY DEPARTMENT of the UNITED STATES.

24 House's electro-magnetic printing telegraph, in operation between two offices, one in the north and the other in the south end of the building.—JOHN B. RICHARDS, *prop.* 621 Grand street, New York City.

25 Electric telegraph register; various kinds of telegraph insulators.—JOHN M. BATCHELDER, *inv.* 83 Washington street, Boston.

26 Planetarium, of entirely new construction, showing the actual motions of the Sun, Earth, Moon, Mercury, and Venus, with all the phases of the planets, changes of the seasons, and other astronomical phenomena.—THOMAS H. BARLOW, *prop.* Lexington, Kentucky. [In Court 15.]

27 Riker's manual orrery, and other astronomical apparatus.—J. L. & D. J. RIKER, *manu.* 78 Suffolk street, New York City.

28 Sixteen inch terrestrial and celestial globes.—CHARLES COPLEY, *manu.* 159 Atlantic street, Brooklyn, New York.

29 Morse's patent electric telegraph apparatus, in operation, and the wires in

direct connection with the principal lines in the United States.—WM. M. SWAIN, (President of Morse's Magnetic Telegraph Company); Offices in New York, Philadelphia, and other cities. [Crystal Palace Office near Sixth Avenue entrance.]

30 Portable illuminator, under the patent of the United States Gas Company. —WILLIAM C. DUSENBERRY, *manu.* 25 Nassau street, New York City.

31 Self-regulating anti-corrosive gas-burners.—MALLERD & NAPIER, *inv. and manu.* 5 Nassau street, Brooklyn, New York. (Address, Box 3,206 P. O. New York City.)

32 Achromatic microscopes, single and compound, of four different constructions.—GRUNOW, BROTHERS, *manu.* 54 Pacific street, Brooklyn, New York.

38 Improved stereoscope. (Patent applied for.)—OTIS F. PETERS, *inv.* 394 Broadway, New York City.

34 Railroad depot scale; rolling mill, platform, flour packing and counter scales of various kinds.—E. & T. FAIRBANKS & Co. *manu.* St. Johnsbury, Vermont. [Div. A, Court 21.]

35 Micrometro-chemical balance, exhibited for simplicity of construction.—EDWARD FOOTE, *inv. & manu.* 2 South Fourth street, Jersey City, New Jersey.

36 Chemical balance and weights, exceedingly delicate, and wrought in palladium.—JOHN BARKENBERG, *manu.* 8 North William street, New York City.

37 Balances for druggists and for weighing gold; standard weights and measures.—JAMES A. KISSAM, *manu.* 93 Fulton street, New York City.

38 Bank gold scales, with set of weights.—FREDERICK R. MYERS & Co. *manu.* 240 Market street, Philadelphia, Pennsylvania.

39 Dormant platform scales.—JONATHAN A. ROSS, *manu.* St. Louis, Missouri. [Div. A, Court 21.]

40 Platform and other scales.—NEW YORK SCALE MAKERS' Co., Office 187 Water street, New York City. [Div. A, Court 21.]

41 Electro-magnetic telegraph battery.—MOSES G. FARMER, *inv.* Boston, Massachusetts.

42 Telescopes, spy glasses, and opera glasses, of various descriptions, microscope.—A. DERNE, *manu.* 369 Pearl street, New York City.

43 Various optical and mathematical instruments.—H. WALDSTEIN, *manu.* 451 Broadway, New York City.

44 Achromatic telescope, equatorially mounted in cast iron, with detached tangent screw.—HENRY FITZ, *inv. & manu.* 237 Fifth street, New York City.

45 Air pump and pneumatic instruments; electrical machine, and incidental apparatus.—BENJAMIN PIKE, Jr., *manu.* 294 Broadway, New York City.

46 American lever air pump.—CHAMBERLAIN & RITCHIE, *manu.* Washington street, Boston, Massachusetts.

47 Microscopic objects mounted upon slips of glass, illustrating comparative anatomy, botany, chemistry, entomology, geology, and zoology.—ALEXANDER MURRAY, M. D. *manu.* 157 West Sixteenth street, New York City.

48 Scales and rules for mechanics, architects, surveyors, &c., in boxwood and ivory.—WILLIAM BELCHER, *agent for manu.* 221 Pearl street, New York City.

49 Barometers and thermometers in various styles; glass hydrometers for spirit, beer, oil, and acids; hydrostatic gold test.—ADAMS & TAGLIABUE, *manu.* 293 Pearl street, New York City.

50 Reflective goniometer and polariscope, for measuring the angles of crystals and the inclination of the optic axes.—Made to order by DUBOSQ-SOLEIL, of Paris, from drawings by the exhibitor.—WILLIAM PHIPPS BLAKE, *inv. and prop.* New York City.

51 Collection of large crayon daguerreotypes, and daguerreotypes by the ordinary process.—SAMUEL ROOT, Daguerrean Artist, 363 Broadway, New York City.

52 Collection of specimens of the arts of daguerreotyping, talbotyping, and crystallotyping.—M. A. ROOT, Daguerrean Artist, 140 Chestnut street, Philadelphia.

53 Frame of daguerreotypes.—PHILLIP HAAS, Daguerrean Artist, 371 Broadway, New York City.

54 Collection of daguerreotype portraits.—JEREMIAH GURNEY, Daguerrean Artist, 349 Broadway, New York City.

55 Solographs, plain and colored; nebular daguerreotypes.—E. C. HAWKINS, Daguerrean Artist, Cincinnati, Ohio. [North gallery.]

56 Specimens of the daguerreotype art on extra large plates.—A BISBEE, Daguerrean Artist, Dayton, Ohio.

57 Views of the Falls of St. Anthony, and collection of portraits.—J. E. WHITNEY, Daguerrean Artist, St. Pauls, Minnesota.

58 Specimens of daguerreotyping.—WILLIAM C. NORTH, Daguerrean Artist, Cleaveland, Ohio.

59 Specimens of the daguerreotype art.—E. L. WEBSTER & BROTHERS, Daguerrean Artists, Louisville, Kentucky.

60 Specimen of daguerreotyping.—SHELDON K. NICHOLS, Daguerrean Artist, 168 Main street, Hartford, Connecticut.

61 A variety of daguerreotype pictures.—ANTONY C. ZUKY, Daguerrean Artist, 499 Broadway, New York City.

62 Daguerreotype pictures.—Capt. P. VON SCHNEIDAU, Daguerreotypist, 142 Lake street, Chicago, Illinois.

63 A collection of daguerreotypes and compound cameos.—J. VANNERSON, Daguerrean Artist, Pennsylvania Avenue, Washington, D. C.

64 Collection of daguerreotype miniatures.—MASURY & SILSBEE, Daguerrean Artists, 299½ Washington street, Boston, Massachusetts.

65 Collection of daguerreotypes.—J. H. WHITEHURST, Daguerrean Artist, 205 Baltimore street, Baltimore, Maryland.

66 Improved coating box for the daguerreotype process. Card distributing apparatus. (Patents applied for.)—WILLIAM & WILLIAM H. LEWIS, *manu.* 63 Elizabeth street, New York City.

67 Collection of microscopic objects in physiology and natural history, prepared by the exhibitor.—SILAS DURKEE, M.D. Boston, Massachusetts.

68 Daguerreotype instruments and cameras of various sizes.—C. C. HARRISON, *manu.* corner Elm and White streets, New York City.—*Agents,* SCOVILL MANUFACTURING Co., 57 Maiden Lane, and E. ANTHONY, 308 Broadway, New York.

69 Daguerreotype portraits.—DAVID CLARK, Daguerrean Artist, New Brunswick, New Jersey.

70 Daguerreotypes by the common method. Specimens of crystallotypes; or, daguerreotypes taken by means of glass upon prepared paper.—JOHN A. WHIPPLE, *pat. & manu.* 96 Washington street, Boston, Massachusetts.

71 Specimens of daguerreotype portraits.—EDWARD LONG, Daguerrean Artist, St. Louis, Missouri.

72 A collection of daguerreotypes.—MARTIN M. LAWRENCE, Daguerrean Artist, 203 and 381 Broadway, New York City.

73 Specimens of daguerreotypes.—MOISSINET, DOBYNS, RICHARDSON & Co. Daguerrean Artists, New Orleans, Louisiana.

74 Collection of daguerreotype pictures.—DONALD MCDONELL & Co., Daguerreotypists, Buffalo, New York. [North gallery.]

75 Collection of daguerreotypes in frames.—A. J. BEALS, Daguerrean Artist, 156 Broadway, New York City. [North gallery.]

76 Various specimens of daguerreotypes.—C. C. KESSY, Daguerrean Artist, 96 Lake street, Chicago, Illinois.

77 Daguerreotype pictures, embracing panoramic views of Galena city; Falls of St. Anthony; Min-ne-ha-ha Falls, and a collection of portraits.—ALEX. HESLER, Daguerrean Artist, Galena, Illinois.

78 Descriptive daguerreotypes.—HARRISON & HILLS, Daguerrean Artists, 283 Fulton street, Brooklyn, N. Y.

79 Tableau of elegantly mounted daguerreotypes.—J. H. FITZGIBBON, Daguerrean Artist, St. Louis, Missouri.

80 Daguerreotypes, respecting Shakspeare's "Seven ages of man;" taken from life subjects. Portrait of Daguerre, from life. Groups of various portraits of full

and half sizes. Instantaneous pictures.—MEADE, BROTHERS, Daguerrean Artists, 233 Broadway, New York City.

81 Collection of daguerreotype portraits of Commodore Perry and officers of the Japan Expedition.—MATTHEW B. BRADY, Daguerrean Artist, 205 & 359 Broadway, New York City.

82 Specimens of daguerreotypes.—GEORGE M. HOWE, Daguerrean Artist, Portland, Maine.

83 Collection of daguerreotypes.—JAMES BROWN, Daguerreotypist, 181 Broadway, New York City.

84 Framed tableau of fine daguerreotypes.—CHARLES H. WILLIAMSON, Daguerrean Artist, 249 Fulton street, Brooklyn, New York.

85 Electro-magnetic conductor and storm indicator.—JOHN ISENRING, *inv.* 58 Hudson street, New York City.

86 Globe and sphere, combining celestial and terrestrial globe.—G. VALE, *pat.* 1 Bowery, New York City.

87 The wonderful Pantechna; or, master of various arts.—CLINTON ROOSEVELT, *inv. & prop.* 23 Chambers street, New York City.

88 Mathematical scales and protractors, in ivory, boxwood, ebony, and metal; for all styles of mapping and drawing.—FINN & BAKER, *manu.* 45 Ann street, New York City.

89 Various philosophical instruments.—C. B. WARRING, A. M. *manu.* Poughkeepsie, New York.

90 Optical instruments, lorgnettes, &c.—CHARLES ALT, 181 Broadway.

91 Specimens of mathematical instruments.—JAMES PRENTICE, *manu.* 315 Broadway, New York City.

92 Hydrostatic instruments. Graduated specific gravity jars. Tubes, measures, and chemical thermometers.—LOUIS C. HOFFMAN, *manu.* 221 Wooster street, New York City.

93 Variety of mathematical instruments.—FEHRENS & ALBRECHT, *manu.* 136 Fulton street, New York City.

94 Numerating register for omnibuses, railway cars, &c.—PERSON & BROCKETT, *prop.* 383 Broadway, New York City.

95 Elliptical compass for drawing ovals of any curve.—CHARLES F. AMSLER, *manu.* Philadelphia, Pennsylvania.

96 Parmlee's computing scales, for adding, and testing the addition of, long columns of numbers.—SAMUEL H. DOUGHTY, *manu. & prop.* 52 John street, New York City.

97 Galvano-electric and bell alarm locks, of novel and curious construction.—CHARLES FLEISCHEL, *inv. & manu.*—*Agent*, A. EDWARDS, 251 Broadway, New York City.

98 Mathematics Simplified.—A collection of diagrams to facilitate and insure the acquisition of mathematical knowledge. Dial of the seasons—a chart to illustrate the sun's declination at all seasons, with the coincident effects of light and heat upon animal and vegetable life in all climates.—THOMAS FISHER, *des. & manu.* 100 South Front Street, Philadelphia, Pennsylvania.

99 Chronometer and fine watch.—JNO. R. CAMPBELL, *manu.* Weehawken, New Jersey.

100 Marine chronometers, with improved escapement.—P. L. DE MORY GREY *manu.* 222 Water street, New York City.

101 New style of bronzed clocks, vases, and ornaments.—JOSEPH H. BURNETT & Co., *manu.* 303 Broadway, New York City.

102 Patent year clock, with torsion pendulum. Astronomical year clock; showing day of month, time of rising and setting of the sun and moon, and other astronomical periods.—AARON D. CRANE, *pat. and manu.* Newark, New Jersey.

103 Abbott's apparatus for showing apparent time at sea, from an altitude of the sun, or a star, without logarithms. Abbott's geodetic chart.—STANLEY G. TROTT, part *prop.* New London, Connecticut.

104 Colored historical chart, embracing a period of 2,400 years.—JAMES CHAPMAN, author, Adelphi street, Brooklyn, New York.

105 Maps of the World, United States, North America, Europe, and the State of New York.—THAYER, BRIDGEMAN & FANNIN, *manu.* 156 William street, New York City.

106 Map of the City of New York.—MATTHEW DRIPPS, *prop.* 103 Fulton street, New York City.

107 Plain and ornamental marine and pendulum clocks, and time-pieces of superior construction.—T. TERRY, President of the Ansonia Clock Company, *manu.* Ansonia, Connecticut.

108 Turret or steeple clock. A variety of time-pieces. New pendulum.—SHERRY & BYRAM, *manu.* Sag Harbor, New York.

109 Specimens of bronze and electro-plated clocks. Statuettes in metal.—ADOLPH LECONTE, *manu.* 1 Marion street, New York City.

110 Maps of the World, United States, and Mexico.—JOSEPH H. COLTON, *publisher,* 89 Cedar street, New York City.

111 Eight-day clocks of various descriptions. Thirty-hour clocks.—A. S. JEROME, *manu.* 175 Broadway, New York City.

112 Clocks and time-pieces of various descriptions.—HENRY SPERRY & Co., *manu.* 18 Maiden lane, New York City.

113 Various styles of clocks, with brass movements, in papier-maché cases.—LITCHFIELD MANUFACTURING Co., *manu.* Litchfield, Connecticut.

114 Maps of the World and of the United States. Mitchell's Universal Atlas.—THOMAS, COWPERTHWAITE & Co., *publishers,* Philadelphia, Pennsylvania.

115 Specimens of mechanical dentistry.—J. FOWLER, 53 Bleecker street, New York City.

116 Syringes for the larynx, pharynx, and the nose. Tonsil instruments, &c.—IRA WARREN, M.D., *prop.* 1 Winter place, Boston, Massachusetts.

117 Specimen of new method of setting teeth.—Dr. J. ALLEN, *inv.* 59 Fourth street, Cincinnati, Ohio.

118 Self-acting eye and ear fountains; improved eye magnet; auriscope; otoscope (for the eustachian tube); human artificial eyes.—JAMES W. POWELL, M.D., *inv. and prop.* 502 Broadway, New York City.

121 Variety of surgical instruments, made by the exhibitor.—SAMUEL J. POOLEY, farmer, Warren, New Jersey.

122 Adhesive plaster.—J. M. DAVIDSON, *manu.* 56 Frankfort street, New York City.

125 Improved body trusses, for rupture, with papier-maché pads, and new method of adjustment.—JOHN NORTH, *inv. and manu.*, Middleboro, Connecticut.

126 Artificial limbs.—WILLIAM SELPHO, *manu.* 24 Spring street, New York City.

127 Pulvermacher's patent hydro-electric voltaic chains and chain batteries.—JOSEPH STEINER, *prop.* (for U. S.) 568 Broadway, New York City.

128 Patent electro-magnetic machines, combining primary and secondary currents; electro-magnetic walking-cane; parlor, office, and pocket electro-magnetic machines, of primary currents.—SAMUEL B. SMITH, *inv. and manu.* 297½ Broadway, New York City.

130 Trusses, spinal instruments, supporters, braces, and all the surgical appliances recently patented and entered by the exhibitor.—FREDERICK M. BUTLER, *pat. and manu.* 4 Vesey street (Astor House), New York City.

131 Surgical adjustor, for reducing fractures and dislocations; ear microscope, for the examination of narrow passages in the human system; improved obstetrical forceps, with adjustable blades; Signiorini's tourniquet.—GEORGE KELLOGG, *manu.* Birmingham, Connecticut.

132 Specimens of operations on natural teeth; varieties of artificial teeth, and operations therewith.—BALLARD & KINGSLEY, dentists, 858 Broadway, New York City.

133 Dental instruments and materials of all kinds.—SOLYMAN BROWN, M. D., *manu.* 80 Anthony street, New York City.

134 Suspender for males, and skirt supporter for females, combining a spinal and shoulder brace; improved waist for ladies' wear.—H. F. BRIGGS, *inv and manu.* 701 Broadway, New York City.

135 Supporters and braces.—NORMAN WILSON, *manu.* Boston, Massachusetts.

137 Improved syringe.—MORRIS MATTSON, *manu.* Boston, Massachusetts.

138 Specimens of dental operations.—ROBERT A. PORTER, dentist, South Tenth street, Philadelphia, Pennsylvania.

140 Bougees, catheters, probes, and other surgical instruments.—WILLIAM HUGHES, *manu.* 3 Columbia street, Brooklyn, New York.

141 Specimens of artificial teeth, set and unset.—R. T. REYNOLDS, M.D., dentist, Noble street, Philadelphia, Pennsylvania.

144 Porcelain teeth, gold foil, corundum-wheels, files, and slabs, for dentists.—JONES, WHITE & MCCURDY, *manu.* 116 Hart street, Philadelphia, Pennsylvania.

145 Specimens of mechanical dentistry; newly improved artificial teeth, in blocks; specimens of the minerals from which the teeth are made; dentifrices.—Drs. THOMAS PALMER & J. D. BROWN, manuf. dentists, Fitchburg, Massachusetts.

147 Adhesive plaster, for surgeons' use.—CHARLES SHIVERS, *manu.* corner of Seventh and Spruce streets, Philadelphia, Pennsylvania.

150 Trusses, spinal braces, supporters, artificial limbs and hands.—J. W. PHELPS, M.D. *inv. and manu.* 68 Tremont street, Boston, Massachusetts.

152 Surgeons' splints, of wood and gutta percha, and improved apparatus for reducing fractures.—BENJAMIN WELCH, *pat. and manu.* Lakeville, Connecticut.—*Agents*, MARSH & Co., 2½ Maiden lane, New York City.

153 Judd's medicated liquid cuticle, to supply the place of the skin, in burns, scalds, &c.—EDWARD T. WOODWARD, *manu.* Middletown, Connecticut.

154 Lilliputian high pressure steam engine.—CYRUS CHAMBERS, JR. *maker*, Pennsylvania.

155 Watch.—LOUIS BILLOU, *manu.* 76 Nassau street, New York City.

156 Magneto-electric machines, for medical purposes.—CHARLES SANDFORD, *manu.* 89 Cedar street, New York City.

157 Shoulder braces; abdominal supporters and trusses.—S. S. FITCH & Co. *manu.* 714 Broadway, New York City.

158 Specimens of mechanical dentistry; machine for making gold plates for artificial teeth.—AMBLER & AVERY, dentists, *manu.* 51 Washington place, New York City.

159 Artificial palate, with teeth.—WARREN ROWELL, dentist, 163 Madison street, New York City.

160 Body braces, supporters, props, and girdles; spring shoulder-braces, and attachment braces.—E. P. BANNING, M.D. *inv. & prop.* 21 Mercer street, New York City.

161 Barometers and thermometers.—E. TAYLOR & Co., *manu.* Rochester, New York.

162 Microscopes and microscopic specimens.—Dr. W. J. BURNETT, Boston, Mass.

163 Specimens of mechanical dentistry and dentists' material.—CHARLES F. MERMIER, surgeon dentist, Clason Avenue, near Myrtle Avenue, Brooklyn, New York.

164 Artificial teeth, single and in blocks; sets of teeth on gold plates; various mechanical devices pertaining to dental surgery.—Drs. W. Z. W. & JOHN W. CHAPMAN, dentists, 88 Fourth Avenue, New York City.

165 Jackson's patent annunciator for hotels.—CHALMERS, *manu.* corner Canal and Centre streets, New York City.

166 Patent eye cups, for restoring sight which has failed from age.—J. BALL & Co., *inv. & manu.* 100 Nassau street, New York City.

167 Human artificial eyes.—JAMES GRAY, *manu.* 157 Grand Street, New York City.

168 Patent artificial legs.—B. FRANK PALMER, *pat. & manu.* 376 Chestnut street, Philadelphia, Pennsylvania.

169 Abdominal supporter; suspender shoulder brace, and shoulder strap brace.—JOHN HAMILTON POTTER, M.D. *manu.* 104 Broadway, New York City.

170 Specimens of gold-filling in teeth.—H. B. HALL, Malden, Massachusetts.

171 American mechanical leech and a variety of surgical instruments.—JOEL BARTLETT, *agent*, 71 Nassau street, New York City.

172 Trusses, abdominal supporters, shoulder braces, spinal elevators, and various instruments for treatment of physical deformities.—MARSH & Co., *manu.* 2½ Maiden lane, New York City.

173 Levelling instrument, transit instrument; surveyor's compasses.—ROLAND H. SHEA, *manu.* 157 Broadway, New York City.

174 Artificial self-acting leg.—JOHN S. DRAKE & Co., *manu.* 63 Chatham street, New York City.

175 Terrestrial globe, with elevations of surface to mark the mountains, and depressions of surface to mark seas, lakes, &c., for the use of the blind.—WILLIAM D. COOKE, *des. & maker*, Raleigh, North Carolina.

176 Levelling instrument, transit instrument, surveyor's compasses.—ROLAND H. SHEA, *manu.* 157 Broadway, New York City.

177 Marine chronometers.—KLINE, SAMANOS & Co., *manu.* 20 Fulton street, New York City.

178 Large marine chronometers.—THOMAS S. NEGUS & Co., *manu.* 100 Wall street, New York City.

179 Variety of ornamented clocks.—FREDERICK SOTIS, *manu.* Forestville, Connecticut.

180 Mammoth cosmoramic and ashonomical globe for colleges and schools.—J. MASON, *inv. and manu.* 57 Henry steeet, Brooklyn, New York.

181 Patent transparent gas meter, for the exact registry of the amount of gas consumed; double detector gas holder; patent experimental gas meter, to show the rate of consumption per hour of different burners.—JOHN LAIDLAW, *inv. and manu.* 339 West 24th street New York City. [East nave, north side.]

182 Portraits of the "Kentucky brothers" in daguerreotype.—J. A. KIMBALL, *Daguerrean artist*, Louisville, Kentucky.

CLASS 11.

Manufactures of Cotton.

DIVISION A. COURT 4.

1 Various specimens of fine cotton fabrics.—WAMSUTTA MILLS (THOS. BENNETT JR. *agent*), *manu.* New Bedford, Massachusetts.

2 Bleached and brown cotton goods, from the Reading (Pennsylvania) Manufacturing Company.—J. G. DUDLEY & Co., *manu. & agents*, New York City.

3 Various samples of brown, bleached and colored cotton fabrics.—JOSEPH S. GLADDING, *manu. & prop.* Moosup, Windham County, Connecticut.

4 Specimens of three-cord spool cotton.—NATHAN BUFFINGTON, *manu. & prop.* Fall River, Massachusetts.

5 Samples of cotton seine twine.—BROWNELL & Co., *manu. & prop.* Moodus, Connecticut.

6 Fine printed lawns, brilliants, cambrics, and jaconets, manufactured at the Hadley Falls Mills; fine and heavy bleached shirtings, and No. 43 yarns from the Great Falls Co., Canada plaids, all cotton, from the Whittenton Mills.—CHARLES H. MILLS & Co., *agents*, Boston, Massachusetts.

7 Specimens of ginghams—gingham handkerchiefs, gala plaids, white and colored cotton yarns.—Glasgow Mills (G. M. ATWATER, treas.) *manu.* Springfield, Massachusetts.

8 Samples of bleached, unbleached and indigo blue, drills and sheetings.—ASA FITCH, *manu.* Fitchville, near Bozrah, Connecticut.—*Agents*, FITCH & Co., 43 New street, New York City.

9 Specimens of wide shirtings and sheetings.—ATLANTIC COTTON MILLS (H. K. OLIVER, *agent*), *manu.* Lawrence, Massachusetts.

10 Cotton carpet warps; yarns; osnaburghs; shirtings and sheetings; furniture checks; seamless bags; battings.—M. CANFIELD & Co., *agents*, 80 Cedar street, New York City.

11 Cotton seine twine; cotton lines for drift and other nets.—DEMAREST & JORALEMON, *prop.* 104 Vesey street, New York City.

12 Specimens of book and formation muslins; narrow crown buckram; mosquito nettings; cotton twist and filling.—PETER J. BERTINE (ex'r estate of D. MCEWING, dec'd), 192 West street, New York City.

13 Cotton fabrics of various kinds.—GODDARD, BROTHERS, (*agents* Lonsdale and Hope Cos.) *manu.* Providence, Rhode Island.

14 Specimens of cotton wick; counter-twist wick for patent machine moulds, chandler's wick.—A. WORTENDYKE, *manu. and prop.* Godwinville (near Paterson), New Jersey.

15 Specimens of fine sheetings and shirtings.—M. A. HERRICK (*agent* Jackson Co.), *manu.* Nashville, New Hampshire.

16 Specimens of cotton duck, made by Atlantic Duck Co., East Haddam, Connecticut.—BENJAMIN FLANDERS & Co., *agents*, 80 South street, New York City.

17 Three cord colored spool cotton; six cord white spool cotton.—TAFT & BARTLETT, *manu.* Willimantic, Connecticut.

18 Cotton bed tickings.—MANDERSON & LAMMOTT, *agents*, 17 Chestnut street, Philadelphia, Pennsylvania.

19 Cotton prints; cambrics; print cloths; brown sheetings; drillings, tickings, and shirtings; canton flannels; counterpanes and all-cotton blankets.—CONESTOGA STEAM MILLS, *manu.* Lancaster, Pennsylvania.

20 Specimens of printed calicoes; plain cotton fabrics.—MASON & LAWRENCE (*agents* for Cocheco & Salmon Falls Manufacturing Cos.), Boston, Massachusetts.

21 Samples of Monadnock bleached sheetings.—PARKER, WILDER & Co., *agents*, Boston, Massachusetts.

22 Cotton sheetings and shirtings.—MASONVILLE MANUFACTURING Co., Providence, Rhode Island.

23 Brown and bleached shirtings; extra twist superfine cottons.—WILLIAMSVILLE MANUFACTURING Co., Providence, Rhode Island.

24 Cotton seines and fishing nets.—JOHN MCMULLEN, *manu.* 71 South street, Baltimore, Maryland.

25 Specimens of patent cordage, and rope for rigging, towlines, &c.—AMERICAN CORDAGE Co., *manu.* 265 & 267 Cherry street, New York City.

26 Cotton quilts and table covers.—MALCOLM & HESKETH, *manu.* Paterson, New Jersey.

27 Fine Marseilles quilts and other cotton goods.—CHARLES G. HOOK, *prop.* 380 Bowery, New York City.

28 Bleached and unbleached sheetings and shirtings, drillings, tickings, diapers.—NESMITH & Co., *agents*, 69 and 71 Broadway, New York City.

29 Specimens of sheetings, drillings, denims, mariners' stripes, cotton flannels, tickings, corset jeans, and other cotton fabrics of the Amoskeag Manufacturiug Co., Manchester, New Hampshire.—MERRIAM, BREWER & Co., *agents*, New York City and Boston.

30 Specimens of cotton duck.—BOSTON DUCK Co., *manu.*—*Agent*, GEO. WILLMAN WRIGHT, 36 Broadway, New York City.

32 Cotton seine twine and cords.—W. E. NICHOLS & Co., *manu.* Moodus, Connecticut.

33 Bale of cotton printing cloths.—SAUNDERS COTTON MILLS, *manu.* Grafton, Massachusetts.—*Agent*, G. W. CHAPIN, Providence, Rhode Island.

CLASS 12.

Manufactures of Wool.

DIVISION D. COURT 3.

1 Specimens of all-wool flannels and all-wool gauze flannels.—GEORGE H. GILBERT, *manu.* Ware, Massachusetts.

2 Specimens of manufactured woollen stocking yarns.—ALVA MORRISON, *manu.* Braintree, Massachusetts. [Gallery.]

3 Heavy beaver cloths and fine all-wool blankets.—A. T. STEWART & Co., Broadway, New York City.

4 Samples of woollen felt beavers, from the Winnipank Mills.—LOUNSBURY, BISSELL & Co., *manu.* Norwalk, Connecticut.—*Agents*, F. SKINNER & Co., 45 Broadway, New York City.

5 Specimens of fine cloths, tweeds, cassimeres, satinets, and merino cassimeres.—BARNES, BOWERS & BEEKMAN, *agents*, 43 Broadway, New York City.

6 Worsted felt beavers and other worsted felt goods, made without spinning and weaving, from a series of layers of thin sheets of worsted.—UNION MANUFACTURING COMPANY, Norwalk, Connecticut.

7 Fancy cassimeres.—BROADBROOK COMPANY, *manu.*—*Agents*, BUSH & MUNKITTRICK.

8 Doeskin and fancy cassimeres.—WETHERED BROTHERS, *manu.* Wetheredville, Maryland.—*Agents*, BUSH & MUNKITTRICK.

9 Fancy cassimeres of various colors.—MELVILLE MANUFACTURING COMPANY, *manu.* Melville, Massachusetts.—*Agents*, BUSH & MUNKITTRICK.

10 Flannels all-wool, from the Ballard Vale Company (Mass.); fine black cassimeres, from the Alderbrook Mill, Eaton (N. Y.); fancy all-wool tweed, from the Dexter Manufacturing Company, Oriskany (N. Y.); fine cassimeres, from the Salisbury Woollen Company.—JOHN SLADE & Co., *agents*, 13 Broad street, New York City.

11 Specimens of fine satinets.—PERKINS MILLS, *manu.* Akron, Ohio.

12 Samples of fine satinets.—D. BASSETT & Co., *manu.* Lee, Massachusetts.

13 Specimens of blankets, from the BAY STATE MILLS (Mass.).—*Agents*, LAWRENCE, STONE & Co., Boston, Massachusetts.

14 Extra superfine Cocheco blankets; specimens of Eagle cashmerets.—PARKER, WILDER & Co., *agents*, Boston, Massachusetts.

15 Specimens of superfine knitting yarn, of various colors.—JNO. TALCOTT, *manu.* West Hartford, Connecticut. [Gallery.]

16 Specimens of cassimeres.—VASSALBORO' MANUFACTURING COMPANY (ALTON POPE, *agent*), North Vassalboro', Maine.—*Agents*, F. SKINNER & Co., 45 Broadway, New York City.

17 Specimens of black cloths, manufactured by Messrs. SLATER & SONS, from American fleece wools, in contrast with English and French fabrics, to which the prize medals were awarded at the London exhibition.—F. DERBY & Co., *prop.* 12 Park place, New York City.

18 Fancy cassimeres, doeskins, and satinets.—PLATNER & SMITH, *manu.* Lee, Massachusetts.—*Agents*, RICHARDS, CRONKHITE & Co., 54 and 56 Exchange place, New York City.

19 Fancy cassimeres and doeskins.—JACOB T. SEAGRAVE & Co., *manu.* Burrillville, Rhode Island.—*Agents*, RICHARDS, CRONKHITE & Co., 54 and 56 Exchange place, New York City.

20 Specimens of blankets, flannels, and other woollen fabrics.—NESMITH & Co., *agents*, 69 and 71 Broadway, New York City.

21 American cashmerets of extra fineness.—MCGREGOR, TIMPSON & Co., *agents*, 47 Broad street, New York City.

22 Specimens of fine cassimeres.—EDWARD HARRIS, *manu.* Woonsocket, Rhode Island.

23 Colored flannels, woollen plaids, and fine cassimeres.—BAY STATE MILLS, *manu.* Massachusetts.—*Agents*, LAWRENCE STONE & Co., Boston, Massachusetts.

24 Doeskin and fancy cassimeres.—MIDDLESEX COMPANY, *manu.* Massachusetts. —*Agents*, LAWRENCE, STONE & Co.

25 Black cassimeres.—ALMY, PATTERSON & Co., *agents*, 9 Broad street, New York City.

26 Specimens of printed de laines.—MANCHESTER PRINT WORKS, Manchester New Hampshire.—*Agents*, J. C. HOWE & Co., Boston, Massachusetts.

CLASS 13.

Manufactures of Silk and Velvet.

DIVISION A. COURT 3.

1 Specimens of silk twist in balls.—GURNEY & Co., *manu.* 8 Liberty street, New York City.

2 Silk brocatelles for drapery; linings for carriages, &c.—EAGLE MANUFACTURING COMPANY (J. P. HUMASTON, Sup.), Seymour, Connecticut.

3 Specimens of silk in all stages of its manufacture; sewing silks in gum, and dyed in hanks; sewing silks in skeins and spools; twist and embroidery silks; drapery tassels, and all upholstery trimmings; fine trimmings for ladies' dresses, of all descriptions.—CHARLES W. CROSSLEY, *manu.* 589 Broadway, New York City.

4 Upholstery silk damasks; rich woven brocades of modern styles and of the middle ages; church ornates.—JACOB NEUSTŒDTER, *manu.* 52 Dey street, New York City. [Court 9.]

5 Specimens of silk fabrics.—NEWPORT SILK FACTORY, *manu.* Newport, Kentucky. —ISAAC E. JONES, *salesman*, Cincinnati, Ohio.

6 Oiled silks.—S. WRIGHT & SON, *manu.* Philadelphia, Pennsylvania.

7 China raw and thrown silk and silk fabrics.—GEORGE M. HAYWARD, New York City.

CLASS 14.

Manufactures of Flax and Hemp.

DIVISION A. COURT 4.

1 Specimens of improved sail-cloth.—TAYLOR & Co., *manu. and prop.* 308 West street, New York.

2 Specimens of white or untarred rope, manufactured from all varieties of hemp, Manilla and Sisal; tarred rope from domestic and foreign hemps; cords and lines of various kinds.—JOHN THURSBY & SON, *manu.* 241 Front street, New York City.

3 Specimens of shoe-thread.—WEST STAFFORD LINEN CO.—*Agent*, R. S. GREEN, 20 Pine street, New York City.

4 Specimens of Missouri hemp rope.—YEATTMAN, PITTMAN & Co., *manu.* St. Louis, Missouri.

5 Bidport, seine, and gilling twine, manufactured from Belgium flax.—DEMAREST, JORALEMON & Co., 104 Vesey street, New York City.

6 Fire-proof cordage.—J. N. CARPENTER, Virginia.

7 Hemp carpeting from the DOLPHIN MILLS, Patterson, New Jersey.—JOHN DUFF, *agent*, 36 Burling slip, New York City. [Gallery.]

8. Shoe-threads and flax twines.—JAMES FRENCHE, *manu.* 41 Exchange place, New York City.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, etc.

DIVISION D. COURT 3.

1 Rich printed woollen shawls.—HOTCHKISSVILLE MANUFACTURING COMPANY.—*Agents*, BABCOCK, MILNOR & Co., 45 Broadway, New York City.

2 Specimens of square and long shawls; embroidered merino shawls.—LAWRENCE, STONE & Co., *manu.* Boston, Massachusetts.

3 Plaid woollen long shawls; printed and embroidered worsted shawls.—JAMES ROY & Co., *manu.* Watervliet Mills, New York.

4 Cotton warp fancy cassimeres.—GEO. W. MARSH, *manu.* Pascoag, Rhode Island.—*Agents*, RICHARDS, CRONKHITE & Co., New York City.

5 Specimens of silk and wool white flannels, from the Ballard Vale Company (Mass.); silk warp Codringtons, from the Salisbury Manufacturing Company.—JOHN SLADE & Co., *agents*, 13 Broad street, New York City.

6 Flannels of silk warp; silk warp gauze flannels.—GEORGE H. GILBERT, *manu.* Ware, Massachusetts.

7 Cashmere and other waistcoatings, and pantaloon stuffs,—F. DERBY & Co., *tailors and imp.* 12 Park place, New York City.

8 Silk warp, and all-wool flannels.—CHARLES A. STEVENS, *manu.* Ware (Mass.).—*Agents*, DALE & MAY, 24 Broad street, New York City.

9 Cotton warp broad cloths.—T. POMEROY & SONS, *manu.* New York City.

CLASS 16.

Leather, Furs and Hair; and their Manufactures.

NORTH WEST GALLERY.

1 Specimens of manufactured furs and dressed skins.—F. W. LASAK & SON, *manu.* 19 John street, New York City.

2 Patent japanned and enamelled leathers of various colors; fancy colored calfskins for harness, and skivers for hat-linings.—JOHN CHADWICK & Co., *manu.* Newark, New Jersey.

3 Transparent wig, white gossamer scalp; ladies' and gentlemen's ornamental hair work.—MENDHURST & HEARD, *manu.* 27 Maiden lane, New York City.

4 Russet covered mounting carriage harness; silver robed mounting ditto; fancy ditto; fancy single harness.—OWEN MCFARLAND, *manu.* 323, 325 Broad street, Newark, New Jersey.

5 Specimens of fine saddlery.—CONDICT, HORTON & Co., *manu.* Newark, New Jersey. Warehouse, 51 Maiden lane, New York City.

6 Varieties of leather.—JAMES R. SMITH, *currier*, 23 Ferry street, New York City.

7 Various descriptions of colored leather for bookbinders and pocketbook manufacturers.—COOK & MANN, *prop.* 55 Gold street, New York City.

8 Various specimens of wigs; drawings of a patent wig-making machine in the same case.—CHARLES BOURGARD, *inv. and manu.* 5 Frankfort street, New York City.

9 A variety of wigs.—JOHN PHILLIP, *manu.* 156 Broadway, New York City.

10 Changeable saddle, adapted for either a civilian or high military officer.—BENJAMIN STEVENS, *manu.* Bridgeport, Connecticut.

11 Samples of chemically tanned leather without the use of bark.—D. KENNEDY, *pat.* Reading, Pennsylvania.

12 Saddles of various styles.—WRIGHT, BETTS & Co., *manu.* 99 Liberty street, New York City.

13 Specimens of ventilated and gossamer hair-work, wigs and toupees.—VAIR CLIREHUGH, *manu.* 175 Broadway, New York City.

14 Wigs and toupees.—EDWARD PHALON, *manu.* St. Nicholas Hotel, New York City.

15 Military and fancy feathers.—L. DUHAIN, *manu.* 29 John street, New York City.

16 Samples of oak-tanned leather, for belting or sole leather.—JAMES CLEWER, *manu.* Tannerville, Pennsylvania.—*Agent*, WM. S. BOGART, 66 Pearl street, New York City.

17 Various kinds of fancy colored morocco leather.—EDMUND A. SMITH, *manu.* 50 Ferry street, New York City.

18 Moroccos, and colored bridle leather.—JOSEPH CLASSON, *currier*, 23 Jacob street, New York City.

19 Oak-tanned sole leather; American calfskins.—W. A. SEARS, *currier*, 33 Spruce street, New York City.

20 Specimens of morocco leather.—H. C. LOCK, Lancaster, Pennsylvania.

21 Patent anti-friction, ventilating and self-adjusting collars and hames.—HENRY B. LATHAM, *pat. and manu.* Smithtown, Long Island, New York.

22 Wigs, toupees and textambes, made on a new system by the exhibitor.—D. DUPRAT, *manu.* 102 Canal street, New York City.

23 Patented adjustable saddle.—THEODORE ROSS, *prop. and manu.* Nyack, Rockland County, New York.

24 Bridles and skating leather.—JACOBUS & UTTER, *manu.* 84 Market street, Newark, New Jersey.

25 Set of double harness made for President Pierce.—HOLT & HANESFORD, *manu.* 98 Union street, Boston, Massachusetts.

26 Finished and unfinished calfskins.—HENRY M. CRAWFORD, *manu.* 204 North Third street, Philadelphia, Pennsylvania.

27 Specimens of leather.—H. FRANKLIN, *currier*, 33 Spruce street, New York City.

28 Specimens of curled hair; cow-hide whips; bristles.—GERKER & BEEHLER, *manu.* 20 Commerce street, Philadelphia, Pennsylvania.

29 Harness, saddles, &c.—LACEY & PHILLIPS, *manu.* 16 South street, Philadelphia, Pennsylvania.

30 Variety of hair work.—MISS S. F. BROWN, *maker*, Newark, New Jersey.

31 Brackets of leather in imitation of carved wood.—J. BELKNAP, JR. New York City.

32 Specimens of fine morocco kid.—GEORGE S. ADLER, *manu.* 21 Margaretta street, Philadelphia, Pennsylvania.

38 American calf-skins with French finish.—H. BRODT, *manu.* 63 Willow street, Philadelphia, Pennsylvania.

39 Machine belting and power loom harnesses.—EDWARD PAGE, *manu.* Lawrence, Massachusetts.

40 Racoon skins and furs.—CARTER.

41 Steel spring leather trunk.—STEPHEN F. SUMMERS, *manu.* St. Louis, Missouri.

42 Fine French calf-skins.—L. & P. GROSHOLT, (*agents* of SUER, Paris), Philadelphia, Pennsylvania.

44 Samples of curled hair, for stuffing sofa-cushions, mattresses, &c.—WILLIAM WILKENS, *manu.* Baltimore, Maryland, and 13 Bowery, New York City.

45 Ladies' fine furs.—FRANK BENNETT & Co., *manu.* 351 Broadway, New York City.

46 A variety of fancy furs.—GEORGE BULPIN, *manu. and imp.* 361 Broadway, New York City.

47 Taylor's patent hame fastener.—SEIDENSTRICKER & SON, *manu.* 116 West Lombard street, Baltimore, Maryland.

49 Improved natural skin wigs.—W. R. CAMERON, *manu.* Brooklyn, New York.

51 Buckskins of various colors, for opera boots and shoes, gloves, daguerreotype polishers, piano-forte leathers, saddle-seating, &c.—RAMSBERG & EBERT, *manu.* Georgetown, District of Columbia.

52 Variety of furs.—IRA TODD, *manu. and prop.* 178 Broadway, New York City

54 Rich furs, of various descriptions (in Genin's case).—JOHN N. GENIN, *imp.* 597 Broadway, New York City.

56 Specimens of oak-tanned sole leather.—JACOB HOFFMAN, *manu.* East Waterford, Pennsylvania.

58 Mexican saddle.—WM. T. PORTER, 8 Barclay street, New York City.

CLASS 17.

Paper and Stationery, Types, Printing, and Bookbinding.

DIVISION D. COURT 10.

1 Collection of elegantly bound American books published by the exhibitors, and embracing works by the principal American authors, in belles-lettres, history, science, practical arts and education, together with illustrated works, in exemplification of the various styles of engraving in the United States.—G. P. PUTNAM & Co., *publishers*, 10 Park place, New York City.

2 Knapp & Rightmeyer's works on penmanship.—LEAVITT & ALLEN, *publishers*, 27 Dey street, New York City.

3 Specimens of writing inks. [With soaps, &c. in the gallery.] JAMES B. WILLIAMS & Co., *manu.* Glastonbury, Connecticut.

4 Books as specimens of printing and binding, including a volume of Schoolcraft's Indian Ethnology, presented by the United States Government to her Majesty Queen Victoria.—LIPPINCOTT, GRAMBO & Co., *publishers*, 12 North Fourth street, Philadelphia, Pennsylvania.

5 Specimens of letter press and wood cut printing.—E. N. GROSSMAN & SON, *printers*, 59 Ann street, New York City.

6 Specimens of superior India rubber ink eraser, and paper cleanser; soap India rubber; scented India rubber cloth for destroying moths.—J. H. GREEN, *manu.* Trenton, New Jersey.

7 Samples of writing ink.—EDWIN LEACH, *manu.* Pawtucket, Rhode Island. [Gallery.]

8 Specimens of fancy printed and embossed show-cards.—E. KETTERLINUS, *printer*, 40 North Fourth street, Philadelphia, Pennsylvania.

9 Specimens of wood-type.—BILL, STARK & Co., *manu.* Willimantic, Connecticut.

10 Typography in gold and silver colors.—WILLIAM LOHMANN, *printer*, 29 Frankfort street, New York City.

11 Embossed advertising business envelopes.—A. DEMAREST, *engraver*, 14 Pine street, New York City.

12 Specimens of velvet show-card printing and embossing—WILLIAM MURPHY, 257 Broadway, New York City.

13 Specimens of writing inks.—MAYNARD & NOYES, *manu.* New York City.

14 Patent blotters; adhesive mixture.—WILLIAM MURPHY, *manu.* 257 Broadway, New York City.

15 Bibles, prayer-books, and various other works, as examples of substantial and elegant bookbinding, with examples of richly illuminated and pictorial edges.—E. WALKER & SONS, *publishers and bookbinders*, 114 Fulton street, New York City.

16 Sealing-wax, wafers, and inks, in all varieties.—THADDEUS DAVIDS, *manu.* 26 Cliff street, New York City.

17 Specimens of fine writing papers.—CAREW MANU, Co. *manu.* South Hadley Falls, Massachusetts.

18 A variety of fine blank books in case.—ROOT & ANTHONY, *manu.* 7 Nassau street, New York City.

19 Bank ledgers in full Russia binding; letter and note paper; specimens of printing in colors.—BOWNE & Co. *manu.* 150 Pearl street, New York City.

20 A case, embracing Catholic bibles and other books (the publications of the exhibitors) in rich bindings.—EDWARD DUNIGAN & BROTHERS, *publishers*, 151 Fulton street, New York City.

21 Specimens of blank books in a superior style of ruling, binding, and finishing.—KOCH & Co., *manu.* 160 William street, New York City.

22 A variety of books.—CHARLES B. NORTON, "Irving Book Store," 71 Chambers street, New York City.

23 A collection of valentines of embossed lace paper, ornamented with emblems, devices, and bijouterie.—THOMAS FRERE, *manu. and agent*, 84 Nassau street, New York City.

24 Specimens of bound books.—STRINGER & TOWNSEND, *publishers*, 222 Broadway, New York City.

25 Wood type; wood stamps for post-offices; model of cheap proof press.—E. S. ZEVELY, Pleasant Grove, Maryland. [Gallery.]

27 Specimens of fancy colored, glazed, enamelled, figured, and marbled papers, for the use of bookbinders, printers, and boxmakers.—J. & L. DEJONGE, *manu.* 57 & 59 Gold street, New York City.

28 Specimens of fine bookbinding.—WILLIAM MATHEWS, *manu.* 74 Fulton street, New York city.

30 Various styles of writing papers.—PLATNER & SMITH, *manu.* Lee, Massachusetts.

31 Books, pamphlets, bills, cards, in plain and ornamental styles.—BAKER, GODWIN & Co., *printers*, corner Nassau and Spruce streets, New York City.

32 Specimens of embossed cards and envelopes.—FREDERICK A. LONG, *embosser*, 89 Nassau street, New York City.

34 Conversation and amusement cards.—MALCOLM & HOSFORD, *manu.* 50 Wall street, New York City.

35 Bank and office ledgers and account books.—WILLIAM W. ROSE, *manu.* 7 Wall street, New York City.

36 Specimens of fancy note papers, and envelopes of enamelled laid and wove papers,—embossed. silvered, and ornamented in rich and new designs.—CHARLES H. LYON, *manu.* 89 Nassau street, New York City.

37 Embossed self-sealing envelopes, business cards, and adhesive labels.—WM. EAVES, *manu.* 295 Pearl street, New York City.

38 Specimens of combination type.—JOHN H. TOBITT, *manu.* 9 Spruce street, New York City.

39 Specimens of account books in full Russia binding; Francis's improved manifold letter writers; Croton writing and copying inks; diaries for 1854; tracing paper; prepared gum.—FRANCIS & LOUTRELL, *manu.* 75 Maiden lane, New York City.

41 Marbled and fancy colored papers.—FRANKLIN MANN, *manu.* 114 Fulton street, New York City.

42 Specimens of letter-press printing.—GEORGE F. NESBITT & Co. *prop.* corner Wall and Water streets, New York City.

43 Specimen of elegant bookbinding.—FREDERICK C. FESTNER, *manu.* 121 Franklin street, New York City. [In Root and Anthony's case.]

44 Specimens of gutta-percha patent stereotype plates and moulds.—JOHN L. KINGSLEY, *inv. pat. and manu.* 132 William street, New York City.

49 Large collection of specimens of bookbinders' pictorial stamps, printed in gold on fine leather.—WILLIAM M. THOMPSON, *engraver*, 169 William street, New York City.

50 Samples of moulds, punches, type, and specimens of typography.—GEORGE BRUCE, *type-founder*, 13 Chambers street. New York City.

61 Full-bound account-books; specimens of stationery.—FELT & HORSFORD, *manu.* 50 Wall street, New York City.

55 Ledger and journal.—WILLIAM H. MAURICE, *manu.* 108 Chestnut street, Philadelphia, Pennsylvania.

57 Prince's spring fountain pen.—JOHN C. WHITWELL, *agent*, 4 Prince street, Brooklyn, New York.

58 Log of the "Savannah," the first steamship which crossed the Atlantic.—Mrs. S. S. WARD, New York.

60 Specimens of card writing.—IRA B. PERSON, 383 Broadway, New York City.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

DIVISION D. COURT 4.

1 Cashmeres, de laines, and woollen furniture cloths, printed by machine, in numerous colors, with copper shells, manufactured and printed by the Hamilton Woollen Company, Southbridge, Massachusetts.—*Agents*, MERRIAM, BREWER & Co., Boston and New York City.

2 Specimens of roller printing on lawns, calicoes, bareges, de laines, and pongee silks.—JACOB DUNNELL & Co., calico printers and dyers, Providence, Rhode Island.

3 A variety of fine printed fabrics, of various materials, exhibited in an elegant cabinet constructed of American woods, and described in its proper class.—ROBERT RENNIE, calico printer, 14 Cedar street, New York City.

4 Fine printed calicoes and lawns.—NESMITH & Co., *agents*, 69 and 71 Broadway, New York City.

5 Printed and extracted cloths, cassimeres, and satinets; dyed, printed, and carded flannels; dyed, printed, and embossed muslins and cotton fabrics.—JAMES BURK, Jr., *manu. and prop.* 44 Maiden lane, and 7 South Front street, New York City.

6 Fine silk handkerchiefs, printed on Indian fabrics.—WILMER, CANNELL & Co., *prop.* 72 Chestnut street, Philadelphia, Pennsylvania.

7 Specimens of fine printing on calicoes.—MASON & LAWRENCE, *agents*, Boston, Massachusetts.

8 Specimens of calico and de laine prints.—AMERICAN PRINT WORKS, Fall River Massachusetts.

9 Lady's woollen shawl, dyed in sixteen different colors in fifteen minutes.—E. C. HASERICK, dyer, South Danvers, Massachusetts.

10 Specimens of printed de laines.—MANCHESTER PRINT WORKS, (N. H.)—*Agents*, J. C. HOWE & Co., Boston, Massachusetts.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Work.

IN THE GALLERY

1 Axminster carpet.—A. T. STEWART & Co., *imp.* Broadway, New York City.

2 Silk bed-quilt.—ELIZABETH MCCARTY, *maker*, 229 East Twentieth street, New York City.

3 Specimens of carpets and rugs from the Lowell Company, Lowell, Mass.—A. & A. LAWRENCE & Co., *agents*, 43 Broadway, New York City.

4 Locomotive, in raised worsted work.—Miss HELEN FITZGERALD, *maker*, Mechanicsville, New York.

5 Specimens of painting on velvet, cloth, felt, and other fabrics, in imitation of the Gobelin tapestries, for table and piano covers, and upholsterers' purposes. —JAROSSON LEON, *manu.* 45 Grand street, Jersey City, New Jersey.

6 Printed felt carpets.—BAY STATE MILLS, *manu.* Lawrence, Mass.—*Agents*, LAWRENCE, STONE & Co., Boston and New York City.

7 Ladies' dress trimmings, in all varieties.—TILT & DEXTER, *manu.* 91 William street, New York City.

8 Specimens of floor cloths, printed in oil colors, upon prepared hemp canvas; "velvet finish" floor cloths.—JOHN JEWETT & SONS, *manu.* 182 Front street, New York City.

9 Silk velvet bed-quilt, composed of 5312 pieces.—Mrs. M. D. DUBOIS, *maker.*

10 Honiton and Brussels lace goods, in great variety.—PETER ROBERTS & Co., *inv. and manu.* 375 Broadway, New York City.

11 Rice's machine-printed oil cloths, for floo s, &c.—JOHN H. ALDRICH, *agent*, 40 Pine street, New York City.

12 Picture wrought on worsted—"The Elopement."—G. A. HODGKINS, *manu.* 43 Lispenard street, New York City.

13 Espousal of the Prince of Wales to the Princess Catharine of France, embroidered on worsted.—MARY ANN MAJOR, *manu.* 165 Reade street, New York City.

14 Silk embroidery—"Washington on horseback."—EMILIE NEWSTADT, *manu.* 436 Broadway, New York City.

15 Knitted quilt; crochet work.—Miss BESSIE MOODY, *manu.* Bridgeport, Connecticut.

16 Silk quilt, of 6,500 octagonal pieces.—Miss MARIA J. STARKINS, 284 Fifth street, New York City.

17 Bed-quilt, ornamented with worked flowers in relief.—Miss M. C. KETCHAM, *manu.* 127 Chrystie street, New York City.

18 Silk and velvet quilt.—Mrs. JULIA GAMBLE, *maker*, Tallahassee, Florida.

19 Three worked quilts.—Mrs. MARY ANN COLEMAN, *maker*, Frankfort, Kentucky.

20 Crochet work.—Miss FRANCES H. WILLIAMSON, *maker*, 8 Warren street, New York City.

21 Silk bed-quilt.—Mrs. GILBERT SMITH, *maker*, 209 Monroe street, New York City.

22 The "Henry Clay" quilt.—Miss ELLEN ANDERSON, *maker*, Louisville, Kentucky.

23 Tapestry, marked in gold and silver.—Mrs. WARWICK, Harlem, New York.

24 Tapestry and velvet carpet.—TROY CARPET MILLS, *manu.* Troy, New York.

25 Pictures worked in worsted.—Mrs. HAMMOND, *maker*, Albany, New York.

26 Embroidered picture.—Mrs. S. H. MARSHALL, *maker*, Belfast, Maine.

27 Embroidery.—Miss MEZETTE, *maker*, New York.

28 Embroidered picture.—E. A. PELLS, *maker*, New York.

29 Embroidery.—CAROLINE BEYER, *maker*, New York.

30 Embroidery, representing "Laban, Rebecca, and Jacob."—MARY A. MCBRIDE, *maker*, New York.

31 Knitted quilt.—VIRGINIA J. CARTER, *maker*, New York.

32 Fancy needle work.—Miss M. BROWN, *maker*, New York City.

33 Fancy bed-quilt, highly ornamented with designs of birds, fruits, and flowers.—Mrs. ELIZABETH W. CANNING, *maker*, 12 Morris street, Jersey City, New Jersey.

34 White cambric quilt, embroidered.—MARY W. PURDY, *maker*, Rye, New York.

35 Embroidered bed-quilt, executed by the exhibitors.—Misses ABBY & SARAH MORGAN, 427 Hudson street, New York City.

36 Specimens of coach laces, tassels, and carriage trimmings.—MILLS & CARLOCK, *manu.* Bridgeport, Connecticut.

37 Brussels carpet, manufactured by Bigelow Carpet Co.; specimens of coach lace, from the Clinton Co.—HENRY P. FAIRBANKS, *manu. and agent*, Boston, Massachusetts.

38 Specimens of patent tapestry ingrain carpeting.—A. & J. SMITH, *pat. and manu.* West Farms, New York.

39 Silk and worsted embroidery—"The Last Supper."—Miss ORRIANA SLOTE (aged 13 years), 451 Tenth street, New York City.

40 Lace handkerchief, embroidered in lace-stitch by the exhibitor.—SUSAN G. WARING, New Paltz Landing, New York.

41 Rag hearth rug.—Mrs. S. M. COMBES, *manu.* Hampden, New York.

42 Embroidered broad-cloth table cover.—HELEN HOGEBOOM, *des. and manu.* Castletown, New York.

43 Worsted embroidery—"Convention of Great Artists in the Vatican."—Mrs. JOHN WILCOX, 64½ Sullivan street, New York City.

44 Embroidered picture of the Abbotsford family.—REBECCA S. JILLSON, *manu.* New London, Connecticut.

45 Embroidered centre-table cover.—MARTHA LOSSIN, *manu.* Talladega, Alabama.

46 Embroidered picture.—Mrs. MARIA KAISER, *manu.* New Orleans, Louisiana.

47 Two pieces of embroidery.—Mrs. MILTON WASON, *prop.* Somerville, Massachusetts.

48 Ribbons, fringes, bindings, cords, &c.; other trimmings of silk and worsted.—PLIMPTONS, STEPHENSON & Co., *prop.* 53 and 55 Federal street, Boston, Massachusetts.

49 Worsted embroidery.—Interior of monastery and figures.—ABRAM KNIGHT, *prop.* Yonkers, New York.

50 Embroidery in gold and silver thread.—MARY L. J. HERBST, 110 Forsyth street, New York City.

51 Tapestry velvet; tapestry Brussels; velvet rugs.—A. & E. S. HIGGINS, *manu.* 15 Murray street, New York City.

52 Knitted bed-quilts and piano-forte cover.—Madame V. J. Z. HESSER, 421 Sixth Avenue, New York City.

53 Table cover, lamp mat, needle cushion, satchel, game bag—all specimens of Indian embroidery.—PETER WILSON, *prop.* Versailles, New York.

54 Wreath of flowers, embroidered in colored silks, on white ground.—JULIA J. MARCET, *manu.* 94 Orchard street, New York City.

55 Specimens of regalia, lap decorations, embroidered suspenders, and other articles.—GEORGE F. VOGLE, *manu.* 388 Hudson street, New York City.

56 Embroidery—King David playing on a golden harp.—Mrs. J. P. CLARK, *maker*, Detroit, Michigan.

57 Embroidery.—JAMES OSBORN, Williamsburg, New York.

CLASS 20.

Wearing Apparel.

NORTH-EAST GALLERY.

1 Gentlemen's hats and caps in every style. Children's hats and caps. Clothing for children. Ladies' and children's shoes. Furs, silk dresses, dress hats, hosiery, umbrellas, parasols, and canes. [In show case on first floor, north nave.] —JOHN N. GENIN, *manu. and imp.* 214 Broadway, and St. Nicholas Hotel, New York City.

2 Various styles of boots and shoes for ladies, misses, and children.—SAMUEL CANTRELL, *manu.* 836 Bowery, New York City.

3 Specimens of ready made clothing, for gentlemen and boys.—ALFRED MUNROE & Co. *manu.* 411 Broadway, New York City.

4 Rich silk dresses. [In case with furs.]—F. W. LASAK & SON, 19 John street, New York City.

5 Ready made linens, cravats, hosiery, money-belts, and other "furnishing" for gentlemen.—IRA PEREGO & SON, *manu.* 61 Nassau street, New York City.

6 A variety of hats.—FRANCIS H. AMIDON, *manu.* 640 Broadway, New York City.

7 Assortment of superfine leather and kid boots and shoes.—ISAAC E. TATE, *manu.* 427 Broadway, New York City.

8 Varnished leather belts for ladies, children, firemen, and military companies. Cap bands and other leather goods.—SAMUEL H. DOUGHTY, *manu.* 52 John street, New York City.

9 Variety of silk and felt hats and caps.—JAS. W. KELLOGG, *manu.* 128 Canal street, New York City.

10 Three pairs of boots.—R. JUELL, *manu.* New York City.

11 Wax figure, arranged in full mourning walking costume.—BARTHOLOMEW & WEED, *manu.* 551 Broadway, New York City.

12 Original plan and patterns for cutting ladies' dresses.—S. T. TAYLOR, *inv. and prop.* 72 Canal street, New York City.

13 Specimens of straw goods and millinery articles.—WILLIAM SIMMONS, *manu.* 564 Broadway, New York City.

14 Ladies' bonnets, of peculiar style and rich materials.—MARY E. CRIPPS, *manu.* 111 Canal street, New York City.

15 Woollen under garments and hosiery.—BELL, THING & Co., *manu.* 9 Tremont Row, Boston, Massachusetts.

16 Ladies' bonnets and fine millinery.—Mrs. LYON ISAACS, *manu.* 5 Division street, New York City.

17 A variety of gentlemen's and children's hats.—NICHOLAS ESPENCHIED, *manu.* 107 Nassau street, New York City.

18 Gentlemen's black and white hats. Fancy hats and caps for children.—KNOX & JAMES, *manu.* Prescott House, New York City.

19 Bonnets and millinery articles.—Mrs. L. ISAACS, *manu.* 39 Division street, New York City.

20 Fancy embroidered gaiters and shoes for ladies.—PHILIP ALLES, *manu.* 52 Howard street, New York City.

21 Silk, beaver, and felt hats, for gentlemen and children. Misses' beaver hats, ladies' riding hats —ALPHEUS FREEMAN, *manu.* 90 Fulton street, New York City.

22 Fine buckskin riding gloves. [With leathers, in west gallery.]—RAMSBURG & EBERT, *manu.* Georgetown, District Columbia.

23 Lady's embroidered vest.—ERNEST V. NYSTRÖM, *manu.* 105 Bleecker street, New York City.

24 Variety of clothing for children.—P. L. ROGERS & Co., *manu.* cor. Fulton and Nassau streets, New York City.

25 Fine buckskin gloves.—A. FLUGH & Co. *manu.*—*Agent*, T. R. SELMES, Hannibal, Missouri.

27 Assortment of boots and shoes.—A. V. STOUT & Co., *manu. and agents*, 249 Pearl street, New York City.

30 Ladies' bonnets.—Mrs. WM. OPENHYM, *manu.* 23½ Division street, New York City.

31 Adjusting spring boots (Patent applied for).—PETER LANG, *manu.* 4 Warren street, New York City.

32 Variety of hats and caps of all materials and in the most modern styles.—R. & J. WARNOCK, *manu.* 275 Broadway, New York City.

33 Embroidered white and colored satin gaiters. Assortment of ladies', misses', and children's gaiter boots and shoes.—MILLER & Co., *manu.* 134 Canal street, New York City.

34 Variety of gaiter boots, shoes, and slippers for ladies' wear.—BENJAMIN SHAW, *manu.* 73 Canal street, New York City.

35 Specimens of fancy boots and shoes. Calfskin, cork Oxford boots.—GEO. KUCHEN, *manu.* 4 Beaver street, New York City.

36 Fashion plate.—THOMAS P. WILLIAMS, New York.

37 Lady's corsets, of superior finish.—Madame J. MAUNY, *manu.* 117½ Grand street, New York City.

38 Calfskin and patent leather dress boots and shoes for gentlemen.—JOHN READY, *manu.* 127 Nassau street, New York City.

39 Specimens of shirts.—SHIRT SEWERS' & SEMPSTRESSES' UNION, *manu.* 70 Bleecker street, New York City.

40 The life preserving cap; fancy cloth, velvet and glazed caps, in all varieties; embroidered satin caps for infants.—J. SMALL & Co., *manu.*, 118 and 120 Maiden lane, New York City.

41 Full dress uniforms for commissioned officers of the U. S. army and navy, made of American cloth; also "the periclis," a water-proof garment.—F. DERBY & Co., *manu and prop.* 12 Park place, New York City.

42 India rubber boots and shoes.—BREEDEN & BROTHER, *agents*, 245 Pearl street, New York City.

43 Ladies' shoes of satin, velvet, and morocco; silk slippers; socques, or over shoes of patent leather; gentlemen's dress shoes of patent leather.—PHILIP STEIGER, *manu.* 88 Reade street, New York City.

44 Cocked hats.—STEVENS & BUTT, *manu.* Norfolk, Virginia.

45 Specimens of hats and caps, with improved style of trimming.—RAFFERTY & LEASK, *manu.* 57 Chatham street, New York City.

46 A variety of hats and caps.—DOMINIQUE BEAUDIN, *manu.* 299 Broadway, New York City.

47 Domestic and imported mantillas, cloaks, and shawls.—GEORGE BULPIN, *manu. and imp.* 361 Broadway, New York City.

48 Gaiters and shoes for gentlemen's, ladies' and children's wear; water-proof boots.—EDWIN A. BROOKS, *manu.* 575 Broadway, New York City.

49 Variety of hats and caps.—LEWIS MEALIO, *manu.* 416 Broadway, New York City.

50 Dress and undress hats and caps for the army and navy; hats and caps for gentlemen and boys.—IRA TODD, *manu.* 178 Broadway, New York City.

51 Silk dresses and embroidered mantillas.—GEORGE BRODIE, *manu. and prop.* 51 Canal street, New York City.

52 Shirts.—CHARLES LEIGHTON, *manu.* Park place, New York City.

53 Specimens of ladies', misses' and gentlemen's wove knitted woollen hosiery, &c.—O. W. GARDNER, *manu.* 30 Milk street, Boston, Massachusetts.

54 Pair of shoes without seam.—ARCHIBALD WINTER, *manu.* New York City.

55 Transferable water-proof cork sole for boots and shoes in wet weather.—JOHN K. GITTENS, *prop. and manu.* 130 Grand street, Williamsburgh, New York.

56 Variety of shirts.—G. T. GREEN, *manu.* Astor House, New York City.

58 Civil, naval, and military caps.—E. ROSENSWIG, *manu.* Baltimore, Maryland.

59 Gentlemen's fine dress boots, of patent leather; rotary-heel boots, &c.—PATRICK MAGEE, *manu.* 95 Orange street, Brooklyn, New York.

60 Variety of articles for gentlemen's wear.—Mrs. VAN HOUTEN, *manu.* Nassau street, New York City.

61 White satin corsets embroidered with gold; black satin shoulder braces wrought with silver thread.—Mrs. BARBARA SALLENBACH, 573 Broadway, New York City.

62 Gentlemen's silk hats.—LEARY & Co., *manu.* Astor House, Broadway, New York City.

63 Assortment of ladies', gentlemen's, misses', and children's boots and shoes, of all styles and superior workmanship.—FROTHINGHAM, NEWELL & Co., *manu.* 57 Broadway, New York City.

64 Specimens of heavy boots.—BALL, BRIGHAM & Co., *manu.* Boston, Massachusetts.

65 Fine dress boots and shoes, for gentlemen's wear.—MAYER EISEMANN, *manu.* 58 Barclay street, New York City.

66 Specimens of silk and felt hats, for gentlemen and children.—HAYES, CRAIG & Co., *manu.* Louisville, Kentucky.

67 United States regulation and other military caps, plumes, &c.—JOHN A. BAKER, *manu.* 162 Fulton street, New York City.

68 Ladies' dress caps.—Mrs. M. H. STUART, *manu.* 214½ Bowery, New York City.

69 Wrought dress, made of straw.—Mrs. C. J. COWPERTHWAITE, Staten Island, New York.

70 Various articles of children's clothing; wax figure arrayed.—Mrs. MARIA T. HOLLANDER, *manu.* 458 Washington street, Boston, Massachusetts.

71 Seamless shoes.—E. T. ROGERS, *manu.* Summit Hill, North Carolina.

72 Pair of hunting boots.—CHAS. B. STETSON, Astor House, New York City.

73 Specimens of fine hats and caps of every fashionable style.—CHARLES OAKFORD, *manu.* Chestnut street, Philadelphia, Pennsylvania.

74 Variety of mantillas, &c.—McCUNE, HASKELL & Co., *manu.* 629 Broadway, New York City.

75 Specimen of boots, shoes, and gaiters.—LEONARD BENKART, *manu.* 209 Chestnut street, Philadelphia, Pennsylvania.

76 Gentlemen's and ladies' boots and shoes; children's gaiters; slippers of various styles.—SYLVESTER CAHILL, *manu.* 377 Broadway, New York City.

77 Australia and California mining waxed leather and pegged boots; fine sewed boots for gentlemen's wear; boys' and children's boots.—UNDERWOOD, GODFREY & Co. *manu.* Milford, Massachusetts.

78 Fancy hosiery, scarfs, tippets, hoods, of woollen and zephyr worsteds; silk shirts and drawers.—WAKEFIELD MANU. Co. THOMAS B. FISHER, Pres. *manu.* Germantown, Pennsylvania.

79 Ladies' and children's fine shoes.—DANIEL R. KING, *manu.* 154 Market street, Philadelphia, Pennsylvania.

81 Pair of boots and pair of shoes.—JOHN EDWARD HENN, *manu.* St. Louis, Missouri.

82 India rubber boots and shoes.—JOHN W. CORLIES, *agent*, Goodyear Metallic Rubber Shoe Co., 32 Dey street, New York City.

83 Goodyear's patent metallic rubber boots and shoes.—M. J. FRISBIE, *manu. and agent*, 248 Pearl street, New York City.

84 Embroidered cloak and mantilla; straw hats for ladies' wear.—FRANK BENNETT & Co., *dealers*, 351 Broadway, New York City.

86 Gentlemen's hats.—FRANCIS DEGAN, *manu.* New Orleans, Louisiana.

87 Coats, vests, and pantaloons.—F. LACROIX, *manu.* 23 St. Charles street, New Orleans, Louisiana.

88 Ladies' dress hats.—CARL KING, *manu.* 13 Division street, New York City.

90 Patent demonstrative scale for cutting ladies' dresses.—Mrs. REBECCA GITTENS, *des.* Powell street, Philadelphia, Pennsylvania.

91 Apparatus for measuring and drafting coats.—THOMAS OLIVER, *prop.* 195 Broadway, New York City.

92 Pair of boots made of alligator's skin.—J. W. BENEDICT, *manu.* Galveston, Texas.—*Agent*, WM. H. POMEROY, 124 Broadway, New York City.

93 Pegged brogans, boots and shoes, and shoemaker's patent bench.—AMERICAN UNION BOOT, SHOE, AND LEATHER MANUFACTURING CO. Office, 208 Broadway, New York City.

CLASS 21.

Cutlery and Edge Tools.

DIVISION A. COURTS 18 AND 19.

1 Pocket knives, with steel, horn, India-rubber, ivory, pearl, silver, and shell handles; pruning and budding knives; camp knives for miners; scimitar, dagger, and cleaver blades; silver fruit knives; toilet knives.—UNION KNIFE CO., *manu.* Naugatuck, Connecticut.—*Agent*, S. J. DENNIS, 30 Liberty street, New York City.

2 Specimens of chisels from the manufactory of JOHN SHARPE, New York City. —THOMAS DOUGLASS, *agent*, 5 Platt street, New York City.

3 Axes, adzes, cleavers, and other edge tools.—THE COLLINS CO., *manu.* Hartford, Connecticut.—*Agents*, COLLINS & CO., 212 Water street, New York.

4 Fine table cutlery, in various styles.—S. W. SMITH & BROTHER, *manu. and imp.* 50 Maiden lane, New York City.

5 Axes, and other edge tools.—D. SIMMONS & CO., *manu.* Cohoes, Albany Co., New York.—Office, 7 Gold street, New York City.

6 Pen and pocket cutlery of all descriptions.—NEW YORK KNIFE COMPANY, *manu.* Matteawan, Dutchess County, New York.

7 Table cutlery, dirks, bowie-knives, hunting-knives, pen and pocket knives, scissors, &c.—AMÉDÉE ALVISET, *manu.* 590 Broadway, New York City.

8 Variety of cutlery.—THOMAS FENNER & CO., 18 Platt street, New York City.

9 Specimens of fine table cutlery, with handles ornamented with medallions of distinguished characters, and other original styles.—JOHN GARSIDE, *manu.* Washington Factory, Newark, New Jersey.

10 Planes and edge tools for carpenters, joiners, and coopers. Improved screw-arm plough-plane, entered for competition.—OHIO TOOL CO., *manu.* Columbus, Ohio.

11 Fine cutlery of various descriptions.—FRANCIS TOMES & SONS, *imp.* 6 Maiden lane, New York City.

12 Various kinds of files; long and hand-saws, &c.—HENRY J. IBBOTSON & CO., *manu.* 218 Pearl street, New York City.

13 Specimens of fine table cutlery.—EAGLE WORKS (JOHN HINSDALE, *agent*), *manu.* West Winsted, Connecticut.—Office, 7 Platt street, New York City.

14 Assortment of pocket cutlery, from the NEW ENGLAND CUTLERY COMPANY. —S. B. PARMELEE, *agent*, Wallingford, Connecticut.

15 Tailor's patent shears; bank shears; scissors of various descriptions; a new style of razor, patented.—ROCHUS HEINISCH, *inv. and manu.* Newark, New Jersey

16 Shears and scissors of various descriptions.—JOHN ROWE, *manu.* 6 Platt street, New York City.

18 Variety of axes for wood-choppers and carpenters; California pickaxes; hatchets and other edge tools.—JOSIAH S. LEVERETT, *agent* for *manu.* 28 Cliff street, New York City.

19 Patent circular saw.—HENRY IVES, *manu.* West Meriden, Connecticut

20 A saw.—JOSEPH HARRIS, Boston, Massachusetts.

21 Specimens of chisels.—BOYD & KEEN, *agents* for *manu.* 11 Gold street, New York City.

22 Augers and auger-bitts of all varieties.—SEYMOUR MANUFACTURING COMPANY, *manu.* Seymour, Connecticut.—*Agents*, BOYD & KEEN, 11 Gold street, New York City.

24 Miniature sets of table cutlery, richly mounted; miniature pen-knives.—SAMUEL J. POOLEY, *maker*, Warren, New Jersey.

25 Tailor's patent improved shears; bank shears.—LEONARD & WENDT, *manu.* 29 and 31 Gold street, New York City.

29 Cooper's crose.—DANIEL HOUSTON, *manu.* 676 Water street, New York City.

30 Patent expansion bitts, for boring wood.—CHARLES L. BARNES, *pat. and manu.* 9 Cottage place, New York City.

32 Specimens of fine table and useful cutlery.—J. & C. BERRIAN, *manu. and agents*, 601 Broadway, New York City.

33 Patent circular saw.—BURR, WATERMAN & Co., *manu.* 114 Water street, New York City.

34 Specimens of screw augers and auger bitts.—CHARLES A. CONVERSE & Co., *manu.* Norwich, Connecticut.

35 Variety of axes, broad axes, hatchets, and adzes.—CALEB W. HANNUM, *manu.* Chester Village, Massachusetts.

36 Variety of screw augers, auger bitts, &c.—WILLIS CHURCHILL, *manu.* Hamden, Connecticut.

38 Walcott's patent graduating button-hole cutters.—WALCOTT, BROTHERS, *manu.* 55 Haverhill street, Boston, Massachusetts.

40 Specimens of fine pocket cutlery, razors, &c.—C. H. SHEEHAN, *agent*, Maiden lane, New York City.

41 Case of edge-tools.—CUNNINGHAM & DAGGETT, *manu.* Cincinnati, Ohio.

42 Carpenters' and cabinet makers' tools.—E. W. CARPENTER, *manu.* Lancaster, Pennsylvania.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

DIVISION A. COURTS 15, 20, 21, 25, AND 28.

1 American cast steel in bars.—S. F. IBBOTSON, *manu. and agent*, 218 Pearl street, New York City.

2 Gas chandeliers; brackets in new and rich styles; candelabra; ship's suspension lamps; carcel lamps; mechanical moderator lamps.—H. DARDONVILLE, *manu. and imp.* 445 Broadway, New York City.

4 Variety of tools for cabinet and piano-forte makers and for sculptors.—GEO. H. COLE, *manu.* 129 Amos street, New York City.

5 Atmospheric pressure lamp with adjusting level.—Dr. CHARLES SEIDHOFF, *inv.* Hudson, New York.

6 Various styles of steel pens, pen holders, and seals of all descriptions.—MYER PHINEAS, *manu.* 118 William street, New York City.

7 Wilder's patent salamander safes, with Rich's improvement.—STEARNS & MARVIN, *manu.* 146 Water street, New York City.

9 Lillie's impenetrable fire-proof safe; burglar-proof bank safe; patent vault doors and frames for banks, &c.—BATES, GRIFFIN & MCCHESNEY, *manu.* Troy, New York.

10 Cast spring and bar steel in bars and bundles; nail rods; shoe shapes; scroll and nut iron.—PHILIP RIPLEY & Co. *manu.* Hartford, Connecticut.

11 Case of tools.—CHARLES TOLLNER, 221 Bowery, New York City.

12 Specimens of brass and silver plated stair rods.—MITCHELL GOULD, *manu.* 1½ Platt street, New York City.

13 Fisk's patent metallic burial cases.—WM. M. RAYMOND & Co., *manu.* 536 Broadway, New York City.

14 Sheet and rolled brass and German silver; brass, copper, and German silver ware.—BENEDICT & BURNHAM, *manu.* 48 Dey street, New York City.

15 Steel rat traps.—G. CRAGIN (*agent* for Oneida Community), 43 Willow place, Brooklyn, New York.

16 Samples of locks; cast iron butts; pulleys, hinges, &c. &c.—MACKRELL & RICHARDSON, *manu.* 292 Houston street, New York City.

17 Railway carriage, and cart springs.—WM. WRIGHT & Co., *manu.* Newark, New Jersey.

18 Patent fire-proof salamander safes.—SILAS C. HERRING, *inv. and manu.* 135-139 Water street, New York City.

19 Gimlet and pattern screws.—NEW ENGLAND SCREW Co., *manu.* Providence, Rhode Island.

20 Specimens of cast and turned white Britannia metal ware.—JOHN H. WHITLOCK, *manu.* Troy, New York.—*Agent*, S. J. DENNIS, 30 Liberty street, New York City.

21 Various tinned, turned, and enamelled culinary and household articles.—WILLIAM P. CRESSON & Co., *manu.* Willow street, Philadelphia, Pennsylvania.

22 Patent clasp broom, with metallic adjusting clasp.—GEO. J. BLANCHARD & Co., *manu.* Concord, New Hampshire.

23 Iron railing around the Equestrian Statue of Washington, and Carew's Statue of Webster.—ATLANTIC RAILWAY WORKS. Office, 398 Broadway, New York City.

24 Hydrostatic portable furnace table for glass-workers, opticians, and other machinists; bellows of all descriptions, for artisans, manufacturing dentists, housekeepers, &c.—WILLIAM F. BEAMAN, *manu.* 60 Lloyd street, Buffalo, New York.

25 Specimens of block tin pipes.—THOMAS O. LEROY & Co. *manu.* 263 Water street, New York City.

26 Chandeliers for gas, oil, &c.; brackets and bracket lamps; hall lanterns; mantel ornaments in gilt, bronze, and enamel.—DIETZ, BROTHER & Co., *manu.* 134 William street, New York City.

27 Galvanized and tinned iron ware.—L. CHEVRIER, *manu.* Trenton, New Jersey.

28 Defiance salamander safes (Gayler's patent).—R. M. PATRICK, *manu. and prop.* 192 Pearl street, New York City.

29 Burglar and powder proof combination bank lock.—J. H. BUTTERWORTH, *manu.* Dover, New Jersey.

30 Steel piano-wire gilded.—H. R. McCREADY, *manu.* 15 John street, New York City.

31 Wrought iron gas lanterns for the street.—NATHAN T. BEERS, *manu.* 45 Fulton street, Brooklyn, New York.

32 Specimens of metal and fancy buttons.—THE STEELE & JOHNSON MANU. Co. *manu.* Waterbury, Connecticut.—*Agent*, HENRY W. STEELE, 101 William street, New York City.

33 Screws for machinists and artisans.—C. DUCREUX, *manu.* 384 Broadway, New York City.

34 Cast iron butt hinges, gate hinges, sad irons, foot scrapers, barn door rolls, &c.—NEW ENGLAND BUTT Co.—(H. P. KNIGHT, *agent*,) *manu.* Providence, Rhode Island.

35 Patent safety fluid lamps, in metal and glass.—ALEXANDER J. WALKER, *inv. and manu.* 417 Washington street, New York City.

36 Specimens of pins; hooks and eyes.—EDWARD COOK, *manu.* 127 Pearl street, New York City.

37 Iron railing around the galleries and staircases of the Crystal Palace,—J. B. WICKERSHAM, *manu.* New York City.

38 Patent magic locks.—LINUS YALE, Jr. *inv. and manu.* Newport, New York.

39 Steel squares for carpenters' use.—HAWKS, LOOMIS & Co., *manu.* North Bennington, Vermont.

40 Planished tin ware; zinc ware, and japanned iron ware.—HODGETTS, TAYLOR & HODGETTS, *manu.* 158 William street, New York City.

41 Ornamental gas chandeliers, brackets, pendants, and fixtures of every style; patent lamps; mantel ornaments, &c.—CORNELIUS, BAKER & Co. *pat. and manu.* Chestnut street, Philadelphia, Pennsylvania.

42 Steel dies for knife handles and breastpins.—JOSEPH LOEW, *manu.* 176 Third street, New York City.

43 Assortment of tools for shoemakers, gardeners, &c.—FRANKLIN REED, *manu.* Canton, Massachusetts.

44 Castings of busts and statuettes in bronze and zinc.—JOSEPH G. GILBERT, *agent,* 216 Pearl street, New York City.

45 Gilded metal cornices for windows; curtain bands.—JOHN N. OLCOTT, *agent,* 15 Maiden lane, New York City.

46 Self-heating rotary smoothing iron.—J. W. BROWN, *manu. and prop.* Hartford, Connecticut.

47 Bramah patent lever locks of every description.—JOHN B. BARRATT, *manu.* 107 Gold street, New York City.

48 Candle moulds.—WM. WEBB, *manu.* Allen street, New York City.

49 Ornamental grate frames and summer pieces.—JOHN BOWDEN, *manu.* 313 and 315 Stanton street, New York City.

51 Specimens of composition wire, for weaving wire cloth, for Fourdrinier paper machines, and for the manufacture of musical instruments.—WILLIAM CABBLE, *manu.* 63 Elizabeth street, New York City.

53 Large variety of patterns of fish hooks; patent shank fish hooks; hooks for halibut, salmon, cod, &c., &c.—JOB JOHNSON, *manu.* corner of Bedford street and Myrtle Avenue, Brooklyn, New York. [Gallery.]

54 Machines and tools for tin workers.—Ross & WILCOX, *manu.* Mattabesset Works, East Berlin, Connecticut.

55 Steel fire sets; coach wrenches; iron brace bitt stocks; warranted grindstones, with iron cups; jack-screws, and other hardware.—BOYD & KEEN, *manu.* 11 Gold street, New York City.

56 Steel springs of various patterns.—GATCHELL & GATES, *manu.* Newark, New Jersey.

57 Steel hammers and sledges.—HENRY NELSON, *manu.* 107 East Thirty-second street, New York City.

58 Seal presses.—ROGER & BROTHERS, *manu.* Dock street, Philadelphia, Pennsylvania.

59 Iron bolts of all descriptions; screws and rivets; stove, range, and furnace rods; iron revolving Venetian window-blinds, fire, and burglar proof.—RUSSELL, BIRDSALL & WARD, *manu.* Port Chester, New York.

60 Trowels, wrenches, &c.—BLODGETT, CLARK & BROWN, *manu. and agents,* Boston, Massachusetts.

61 Variety of brass cocks, faucets, and other articles used by plumbers and gas-fitters.—T. WALDRON BARTHOLF, *manu.* 132 and 134 William street, New York City.

62 Samples of iron bolts and nuts.—HENRY EVANS, *manu.* 102 Warren street, New York City.

63 Carriage shaft safety bolt, to fasten a pair of shafts to a carriage.—MATTHIAS SOVEREL, *prop.* Orange, New Jersey.

64 Specimens of buckles for vests, pantaloons, hats, &c.—NEW ENGLAND BUCKLE Co., *manu.* Waterbury, Connecticut.

65 French and mechanical lamps of the most modern construction; specimen of the works in case.—C. DUCREUX, *manu.* 364 Broadway, New York City.

66 Specimens of bank locks, and all kinds of door fastenings.—[The work

manship of the parautoptic lock, by John M. McLaughlin.]—DAY & NEWELL, *manu.* 589 Broadway, New York City. [East nave.]

67 Iron railing surrounding the statuary of Thorwaldsen, in the Crystal Palace.—HOOPER, THACHER & Co., *manu.* 382 Broadway, New York City.

68 Wire figures or frames for displaying garments, hats, caps, &c.; wire bird-cages, &c.—JAMES D. TORREY, *manu.* 82 John street, New York City.

69 Ornamental clock case of metallic composition, cast entire.—C. & G. F. SCHMIDT, *inv. and manu.* Philadelphia, Pennsylvania.

70 Improved phœnix safe, lined with composition to resist heat.—WILLIAM H. BUTLER, *prop. and manu.* 122 Water street, New York City.

71 Powder-proof permutation bank lock, the key capable of millions of changes.—MURPHY & BUTLER, *inv. and manu.* 122 Water street, New York City.

72 Samples of cast iron butt hinges.—UNION BUTT Co., *manu.* Providence, Rhode Island.—*Agent*, THOMAS DOUGLASS, 5 Platt street, New York City.

73 American galvanized sheet iron, for roofing and other purposes; miniature model of roof in galvanized iron.—McCULLOUGH & Co., *manu.* Wilmington, Delaware.

74 Chime of bells.—JONES & HITCHCOCK, *manu.* Troy, New York.

75 New and improved vice for carpenters and machinists.—WILLIAM BUTLER, *inv. pat. and manu.* Little Falls, New York.

76 Cabinet locks of all descriptions.—LEWIS LOCK COMPANY, *manu.* Terryville, Connecticut.

77 Strapped sleigh bells.—BUELL & VEAZY, *manu.* Chatham, New York.—*Agent*, J. D. WYCKOFF, 152 Broadway, New York City.

78 Patent save-all candlesticks; patent newspaper files; invoice or letter files; patent bed-clothes clasp, attached to a small bedstead to show its operation.—JOHN W. ROCKWELL, *pat. and manu.* Ridgefield, Connecticut.

79 New sleigh bells.—JASON BARTON, *manu.* Middle Haddam, Connecticut.

80 Peal of church bells; specimens of hotel, factory, and steamboat bells.—A. MENEELEY & SONS, *manu.* West Troy, New York.

81 A general assortment of cabinet locks.—W. & E. T. FITCH, *manu.* New Haven, Connecticut.

82 Combined lantern and foot stove.—FRANCIS ARNOLD, *manu.* Middle Haddam, Connecticut.

83 Umbrella and parasol stands, &c.—WM. STACHLEN, *manu.* 16 School street, Williamsburgh, New York.

84 Housekeeping articles of various kinds.—WINDLE & Co., *manu.* 56 Maiden lane, New York City.

85 Church bell.—CLAMPETT & REGESTER, *manu.* 53 Holliday street, Baltimore, Maryland.

86 Housekeepers' articles of all descriptions; japanned ware; block tin ware, and wooden ware.—S. W. SMITH & BROTHER, *manu. and imp.* 50 Maiden lane, New York City.

87 Improved ice cream churns.—A. H. AUSTIN, *pat. and manu.* 61 North Eutaw street, Baltimore, Maryland.

88 Specimens of patent currycombs; bow pins, hammer wrenches, and snaps.—A. A. HOTCHKISS & SONS, *manu.* Sharon, Connecticut.

89 Patent self-heating, smoothing, and tailors' irons.—N. D. HUNTER, *agent* for *pat. and manu.* 398 Broadway, New York City.

90 Refrigerators.—G. H. PERKINS, *manu.* Portland, Maine.

91 Nock's patent self-acting locks and bolts; model of double doors, with locks attached.—JOSEPH NOCK, *pat. and manu.* 34 Walnut street, Philadelphia, Pennsylvania.

92 Patent fire and thief-proof safes; improved refrigerators.—EVANS & WATSON, *pat. and manu.* 83 Dock street, Philadelphia, Pennsylvania.

93 Improved refrigerator and water-cooler.—CORTLAN & Co., *manu.* 203 Baltimore street, Baltimore, Maryland.

94 Specimens of japanned toilet ware, and water-cooler.—KEEN & HAGERTY, *manu.* 12 Baltimore street, Baltimore, Maryland.

95 Lap-welded iron boiler flue.—READING IRON NAIL, TUBE, AND BOILER FLUE WORKS, *manu.* Reading, Pennsylvania.—Office, 9 Platt street, New York City.

96 Specimens of safety lamps.—JOHN NEWELL, *manu.* Boston, Massachusetts.

97 Model of a palmetto tree, cast in iron.—CARL WERNER, *manu.* Charleston, South Carolina. [North nave.]

98 Cast iron car wheels; railroad frogs, &c.—RICHARDSON, BARNUM & Co., *manu.* Lime Rock, Connecticut.

99 Stair rods and copper rivets.—SELAH HILER, *manu.* New York.

100 Self-heating flat-iron.—SALMON SKINNER, *manu.* 38 Fulton street, Brooklyn, New York.

101 Patent inodorous portable water closet.—H. GOLDSMITH, Jr., *manu.* 333 Broadway, New York City.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes, and Articles of Vertu generally.

NORTH-WEST GALLERY.

1 Assortment of fine jewelry.—MARCHAND, SEN., GAIME, GUILLEMOT & Co., *manu.* New York City.

2 Extension pen and pencil-cases in gold and silver; gold pens of superior quality.—A. G. BAGLEY & Co., *pat. and manu.* 277 Broadway, and 12 Maiden lane, New York City.

3 California gold ring.—WM. R. TICE, *manu.* Brooklyn, New York.

4 The Webster vase in silver; silver tea-sets, pitchers, waiters, vases, forks, spoons, &c.—JONES, BALL & Co., *manu.* 226 Washington street, Boston, Massachusetts.

5 Gold-leaf and gold-foil for dentists.—WM. H. CRANE, 433 Greenwich street, New York City.

6 Casket in gold and silver.—R. KEYWORTH, *manu.* Washington, District Columbia.

7 Medals of Webster and Clay, in fine bronze.—GEO. S. APPLETON, publisher, 356 Broadway, New York City.

8 Mounted diamonds for glaziers' use.—JOSHUA SHAW, *manu.* 142 Nassau street, New York City.

9 Gold and silver-leaf and gold-foil for dentists.—WM. H. KEMP, *manu.* 95 Canal street, New York City.

10 Hair-bracelets, breast-pins, rings, and watch chains, richly set in gold.—C. LINHERR & Co. *manu. artists,* 577 Broadway, New York City.

11 Gold-leaf of two colors for gilders' use; gold-foil for dentists, &c.; gold bronze, &c.—JAMES L. WAUGH, *manu.* 112 Franklin street, New York City.

12 Tea-service, consisting of 29 pieces in solid California gold richly embossed, on a pedestal and plateau of silver. The "Collins" service of gold plate; assortment of gold and silver wire.—BALL, BLACK & Co., *manu.* 247 Broadway, New York City.

13 Gold lockets.—L. & D. S. CARR, *manu.* 46 Page street, Providence, Rhode Island.

14 Gold lockets, chains, and breastpins; Heiss's patent-lever gold studs.—SMITH, DEEY, & EDDY, *manu.* 195 Broadway, New York City.

15 Samples of bronze powder and metal leaf.—W. H. HELLMAN, *manu.* 41 Pine street, New York City.

16 Heavy silver-plated ware of every description.—ROGERS, BROTHERS, Hartford, Connecticut.

17 Gold-plated metal.—POPE & NORTH, *manu.* 12 Dutch street, New York City.

18 Crests, coats of arms, and silver ornaments for harness.—LOUIS T. BOLAND, *manu.* 178 Fulton street, New York City.

19 Gold and silver-plated metallic daguerreotype cases.—FRANKLIN R. SLOCUM & Co., *manu.* Hartford, Connecticut.

20 Gold pens and gold and silver pen-cases.—JAMES B. BEERS, *manu.* 49 John street, New York City.

21 Silver butter, fish, dessert, and other knives and forks; knife, fork, and spoon in case, &c.—ALBERT COLES & Co., *manu.* 6 Liberty place, New York City.

22 Electro-silver-plated tea-sets; cake baskets, spoons, forks, castors, &c.—JOSEPH CHAMBERLIN, *agent,* 208 Broadway, New York City.

23 Gold-leaf and gold-foil.—PLANT & HOOPER, *manu.* 122 William street, New York City.

24 Gold and silver-foil.—J. & A. WALLACE, *manu.* New York City.

25 Gold lockets and medallions.—STONE, WEAVER & Co., 43 Canal street, Providence, Rhode Island, and 20 Maiden lane, New York City.

26 Silver castings; a silver basket with flowers, and silver fruit basket.—WM. USENER, 107 Cliff street, New York City.

27 Goblet, and candlestick in silver.—F. WEAVER, *manu.* 282 S. First street, Williamsburgh, New York.

28 Engraved silver-marking plates, brass plates, figures and letters, stencil borders, and vignettes.—THOMAS PITTIS, *eng.* 296 Pearl street, New York City.

29 Service of plate.—ADAMS & KIDNEY, *manu.* New York City.

30 Iridium pointed gold pens of three sizes; gold and silver-tipped holders of ivory and ebony.—JOHN FOLEY, *manu.* 167 Broadway, and 244 Third Avenue, New York City.

31 Specimens of silver-plated ware; fine Britannia and planished ware.—J. & C. BERRIAN, *manu.* (in part) 601 Broadway, New York City.

32 Set of chess figures in gold and silver.—PECKHAM, DENNIS & Co., *prop.* 17 John street, New York City.

33 Gold and silver-plated ware.—JAMES T. AMES, *manu.* Chicopee, Massachusetts.

34 Jewellers' hair-work, as bracelets, guard-chains, ear-rings, crosses, brooches, and chains; pictures, devices, wreaths, and landscapes, wrought in hair, and richly set in gold.—ROBERT LINK & BROTHERS, *manu.* 181 Broadway, New York City.

35 Gold pens.—C. PIQUETTE, *manu.* Detroit, Michigan.

36 Fine gold-foil for dentists.—CHARLES ABBEY & SONS, *manu.* 26 Pearl street, Philadelphia, Pennsylvania.

37 Jewellery in gold, pearls, and coral.—LOSSKAMP, ROSSWOG, & SPIES, *manu.* 22 Reade street, New York City.

38 Britannia ware, electro silver-plate.—REED & BARTON, *manu.* Taunton, Massachusetts.

39 Pearl breast-pin; agate rings; [cannel coal ring; fancy baskets, made from seeds of various kinds and nuts—Class 28].—JOSIAH BAGLEY, *manu.* 60 East Fifth street, Cincinnati, Ohio.

40 Gold and silver ware.—BAILEY & Co., 136 Chestnut street, Philadelphia, Pennsylvania.

41 Model in silver of Holland frigate, built 200 years ago.—JOSEPH BACHMAN, *prop.* 422 Grand street, New York City.

42 Rich silver vase, supported by figures. Tea, coffee, dessert, and wine service, in silver and crystal. Gold and silver goblets.—TIFFANY & Co., *manu.* 271 Broadway, New York City.

43 Silver-plated and superior Britannia ware.—GEO. F. ATWOOD, *manu.* Taunton, Massachusetts.

44 Specimens of minute engraving on gold, the "Lord's Prayer," upon a gold dollar and upon a silver three-cent piece.—A. W. OVERBAUGH, *eng.* Washington street, Brooklyn, New York.

45 Fine Britannia and extra silver-plated ware.—S. W. SMITH & BROTHERS, *manu. and imp.* 50 Maiden lane, New York City. [In their case below.]

46 Various specimens of fine plated Britannia ware.—HATTERSLY & DICKINSON, *manu.* Newark, New Jersey.

47 Gold leaf, gold foil, gold bronze.—ROBERT H. RANSLEY, *manu.* 65 Dock street, Philadelphia, Pennsylvania.

48 Fire-gilded vase.—J. PINCET, 77 Franklin street, New York City.

CLASS 24.

Glass Manufactures.

NORTH-EAST GALLERY.

1 Assortment of glass ware; dioptric lenses and signal lamp glasses, for railways, ships, &c.—BROOKLYN FLINT GLASS Co., *manu.* Brooklyn, New York. Office, 30 South William street, New York City.

2 Richly stained mosaic window, with Scripture studies and emblems. Specimens of illuminated lettering on glass.—JOHN BOLTON, *manu.* Pelham, New York.

3 Enamelling and writing on glass in burnished gold. Druggists' show-jars, &c.—FREDERICK HALE & Co., *manu.* 80 Nassau street, New York City.

4 Plain, pressed, cut, and decorated glass ware.—NEW ENGLAND GLASS Co., *manu.* Boston, Massachusetts.—*Agents,* T. D. MOORE & Co., 87 and 89 Water street, New York City.

5 Cut crystal goblets, bowls, celery dishes, pitchers, wine-glasses, and other articles.—JOSEPH STOUVENEL & BROTHER, *manu.* 567 Broadway, New York City.

6 Gold lettering on glass.—A. & G. BRANDON, *manu.* 4 Tryon Row, New York City.

7 New machine engraved and etched ornamental window glass [to be seen in the west gallery windows].—COOPER & BELCHER, *manu.* Camptown, New Jersey.—Office, 293 Broadway, New York City.

8 Lunette watch crystals, of superior strength, temper, and finish.—G. M. BODINE, *manu.* 323 Grand street, New York City.

10 Stained glass gothic window; stained glass plates, panels, borders, for windows and doors. Stained glass portraits and fancy subjects.—WM. J. HANNINGTON, *glass-stainer,* 364 Broadway, New York City.

11 Plate of ruby glass, cut with designs representing the arms of the United States.—PHILIP SMITH, 43 Duane street, New York City.

12 Stained glass, in ancient and modern styles.—SHARP & STEEL, *manu.* 216 Sixth Avenue, New York City.

13 Stained and painted glass, representing various scriptural subjects.—MATILDA C. STEPHENSON, *artist,* East Brooklyn, New York.

14 Druggists' glass ware, of all descriptions. Preserve and pickle jars; flasks; window glass; ink bottles, wine bottles, &c.—BAKER & BROTHER, *manu.* Baltimore, Maryland.

15 Watch glasses of all styles; clock glasses; rich cut decanters, goblets, wine-glasses, tumblers.—BERGER & WALTER, *manu.* Office, 92 John street, New York City.

16 Sky-light with stained glass, painted by W. J. HANNINGTON.—H. L. BIDWELL, Hartford, Connecticut.

17 Stained glass picture, "Naval Engagement," painted by HANNINGTON.—E. K. COLLINS, 56 Wall street, New York City.

CLASS 25.

Porcelain and other Ceramic Manufactures.

NORTH GALLERY, ADJOINING CLASS 24.

1 Fenton's patent flint enamelled ware.—UNITED STATES POTTERY Co., *manu.* Bennington, Vermont.

2 Dessert and toilet sets, vases, coffee cups and plates of fine porcelain, richly decorated with landscapes, figures, flowers, &c. Specimen plate, with blue band, Alhambra style, of a dinner service, manufactured for the President of the United States —HAUGHWOUT & DAILEY, *manu. and decorators of porcelain,* 561 and 563 Broadway, New York City.

3 Porcelain tea table and fancy ware; door trimmings and sign letters.—CHARLES CARTLIDGE & Co., *manu.* Green Point, New York.

4 China, porcelain, and earthen ware, painted and gilded.—LOUIS E. HERMANN, *manu.* Washington street, Hoboken, New Jersey.

5 Decorated porcelain; dinner, dessert, and other services.—JOSEPH STOUVENEL & BROTHER, *manu.* 567 Broadway, New York City.

6 Stair rods and plates of decorated porcelain. Plain and gilded porcelain trimmings for doors, shutters, drawers, &c.—WM. BOCH & BROTHER, *manu.* Green Point, New York.

7 Figures and other objects in wax composition.—HYMAN BRUNSWICK, *manu.* 46 Centre street, New York City.

8 Ornamental porcelain ware, exhibiting decoration and lettering.—LOUIS E. HERMANN, *manu.* Washington street, Hoboken, New Jersey.

CLASS 26.

Decorative Furniture and Upholstery, Including Papier-Mache, Paper-Hangings, and Japanned Goods.

COURTS 12, 13, 14.

1 Rosewood billiard-table, richly carved, with improved cushions.—LEONARD & BENJAMIN, *manu.* 332 Broadway, New York City.

2 Paper-hangings.—Union Paper Hanging Manufacturing Co.—RICHARD MCNAMEE, *agent,* 151 Broadway, New York City.

3 The Palace secretary—a piece of ornamental furniture, combining a bedstead; writing desk; medicine drawers; book-case; wash-stand, with gentleman's wardrobe; secret silver closet; dressing bureau; ladies' wardrobe; secret jewelry case—the whole surmounted by a musical and alarm clock.—JOHN SMITH, *manu.* 554 Broadway, New York City and Paris.

4 Richly ornamented pilaster panel, painted in encaustic or wax.—EUGENIO LATILLA, *decorative artist,* 270 Sixth avenue, New York City.

5 Library bookcase; octagon and console tables; sofa and chairs, and library tables.—JULES DESSOIR, *manu.* 543 Broadway, New York City.

6 Mosaic inlaid round table.—ALPHEUS SIMMONS, *manu.* 494 Eighth avenue, New York City.

7 Gilt frames and mouldings.—COHN & DUMKE, *manu.* 34 Beekman street, New York City.

8 Window shades.—R. T. SHAW, *manu.* 203 Duane street, New York City.

9 Rosewood billiard-table, elaborately carved in the Elizabethan style, with

patent cushions.—AB'M BASSFORD, *pat. and manu.* 8 Ann street, New York City.

10 French paper hangings, curtains, &c.—SOLOMON & HART, *des. & manu.* 243 Broadway, New York City.

11 Panels painted in imitation of rosewood, black walnut, and mahogany.—WM. W. FIELDS, 102 Avenue C, New York City.

12 Pier and mantel glass.—E. NEWLAND & Co., *manu.* 316 North 2d street, Philadelphia, Pennsylvania.

13 Specimen of style for hanging wall papers.—ALFRED R. PHILLIPS, 45 Sullivan street, New York City.

14 Hobe's patent extension-table and oak sideboard.—CHAS. F. HOBE & SON, *manu.* 484 Broadway, New York City.

15 Sideboard, extension-table and arm-chair, of richly carved black walnut; rosewood sofa and arm-chair covered with brocade.—ALEXANDER ROUX, *manu.* 479 Broadway, New York City.

16 Carved black walnut sideboard; library step-chair; smoking chair; Siamese chair; changeable lounge; table; model of staircase, made by A. ELLAERS for JAMES G. BLAKE, *prop.* 12 Cornhill, Boston, Massachusetts.

17 Dressing tables, bronze and gilded work, finished in papier-maché.—J. L. HYDE, *manu.* 21 Maiden lane, New York City.

18 Richly carved black walnut buffet, designed by Herter.—T. BROOKS, *manu.* New York City.

19 Gothic book-case.—BULKLEY & HERTER, *manu.* 92 Mercer street, New York City.

20 Suite of enamelled chamber furniture, inlaid with pearl and gold, embracing eleven pieces.—WARREN WARD, *manu.* 452 and 454 Broadway, and 144 Grand street, New York City.

21 Richly carved oak buffet.—GUSTAV HERTER, *manu.* 59 Beekman street, New York City.

22 Variety of window shades.—JOSIAH C. WOODFORD & Co., *manu.* 389 Broadway, New York City.

24 Spring rocking cradle in carved wood.—D. WALKER & Co. *manu.* Newark, New Jersey.

25 Various specimens of American veneer woods on panels.—KIMBALL & STAPLES, *manu.* South Bend, Illinois.

26 Lady's toilet-table, in the shape of a sixteen-cornered urn.—ANTHONY N. BUCHENBERGER, *manu.* Kent avenue, near Myrtle avenue, Brooklyn, New York.

27 Parlor door, with elliptic head, exhibiting variety of mouldings.—J. G. DU BOIS & Co. *manu.* 306 West 30th street, New York City.

30 Iron bedstead; centripetal spring-chairs; hat-stands, and piano-stools.—T. S. GILLIES, *manu.* 308 Broadway, New York City.

32 Ornamental door, richly gilt and painted signs.—H. & F. M. LANE, *manu.* 680 Greenwich street, New York City.

34 Rich and ornamental chamber furniture, in white and gold enamel.—MATTHEWS & STACY, *manu.* 526 Broadway, New York City.

36 Sideboard, sofa, arm-chair, tête-à-tête sofa, etagère, and chair, exhibited in space decorated by THOMAS, BROTHERS.—E. W. HUTCHINGS, *manu.* 475 Broadway, New York City.

37 Wall decorations in cartoons, exhibited in connexion with furniture by E. HUTCHINGS.—THOMAS, BROTHERS, *decorators*, 148 Wooster street, New York City.

38 Samples of wall and decorative papers.—PERKINS, SMITH & Co., *manu.* New Bedford, Massachusetts.

39 Ornamental rustic seats, stands, &c.—GEORGE CRAGIN, *agent* for Oneida Community, 43 Willow place, Brooklyn, New York.

40 Gothic sideboard in oak, and self-adjusting.—IRA CAMPBELL, *manu.* 37 Mercer street, New York City.

43 Wheel-chair for invalids; extension recumbent chair; parlor, recumbent, and revolving chairs.—MATTHEW W. KING & SON, *prop. and manu.* 465 Broadway, New York City.

44 Specimen of richly carved and ornamental cabinet work in wood.—RINGUET-LE PRINCE & MARCOTTE, *manu.* 654 Broadway, New York City. [In French furniture court.]

45 Window shades and transparencies.—KELTY & FERGUSON, *manu.* 289½ Broadway, New York City.

46 O'Neil's patent combined parlor arm-chair and invalid couch.—CORNELIUS HUGHES, *manu.* 213 Broad street, Newark, New Jersey.

47 Carved arm-chair.—JOSEPH M. SUDSBERG, *manu.* 103 Elm street, New York City.

48 Specimens of richly gilt mouldings and patterns of mouldings.—BLACK & GRAMM, *manu.* corner Canal and Centre streets, New York City.

49 Transparent window shades; specimens of decorative panels.—E. J. SCHVEDER & Co. *manu.* 150 Barrow street, and 616 Broadway, New York City.

51 Papier-maché book-case, work-table, desk, chairs, music-stand, and other furniture.—EVANS & MILLWARD, *manu.* 80 Duane street, New York City.

52 Counter show-case in silver and plate glass.—EARL & REEVES, *manu.* 346 Broome street, New York City.

53 Specimens of wall papers and fancy borders.—EAMES, COOK & BEAVON, *manu.* 66 and 68 Schermerhorn street, Brooklyn, New York.

54 Specimens of gilt and prepared mouldings.—JAMES MARCHER, *manu.* 577 Broadway, New York City.

55 Two pianoforte stools.— J. P. NEPPERT, *manu.* 125 and 127 Canal street, New York City.

56 Billiard-table and appliances.—D. D. WINANT, *manu.* 71 Gold street, New York City.

57 Window shades, with new style of ornament.—LOUIS DEUSCHER, *manu.* 176 Mulberry street, New York City.

60 Plain and richly decorated wall and curtain papers; fire-board prints; transparent window shades.—CROTON MANUFACTURING Co. (THOS. N. PARTRIDGE, Sec.) *manu.* Office, 44 Courtlandt street, New York City.

61 Tête-à-tête sofa and chairs in rosewood, covered with crimson satin brocatelle.—WM. SIMPSON, *manu.* 89 Bowery, New York City.

63 Set of ornamented and gilt chamber furniture, with spring drawers.—JOHN GSCHWIND, *manu.* 162 Suffolk street, New York City.

64 Imitation oak and marble papers for decorative purposes.—ROBERT GRAVES, *manu.* 155 Atlantic street, Brooklyn, New York.

65 Transparent window shades.—C. F. GROSHEIM, *agent for manu.* 5 Gold street, New York City.

66 Specimens of rich decorative papers, borders, and fire-board prints.—HART, MONTGOMERY, & Co. *manu.* 118 Chestnut street, Philadelphia, Pennsylvania.

70 Carved oaken buffet, in the style "Renaissance."—ROCHEFORT & SKARREN, *manu.* 623 Broadway, New York City.

72 Arm chair in the style of a Turkish fauteuil, with spring steel back, and richly decorated.—PELLS & ZOWASKI, *manu.* 275 Hudson street, New York City.

73 Oriental octagonal show-case, of silver, satinwood and rosewood.—ANDREW J. CAMPBELL, *manu.* 12 Canal street, New York City.

76 Oakwood etagère.—OSCAR WESTON, *manu.* 32 Canal street, New York City.

79 Ornamental mirrors, arranged for decorative effect.—RICHARD KINGSLAND & Co. *manu.* 38 Courtlandt street, New York City. [West nave.]

81 Easy chair, with movable back and concealed mechanism.—FRANKLIN & BEYRODT, *manu.* 402 Main street, Poughkeepsie, New York.

82 Wall papers and borders.—J. R. BIGELOW & Co. *manu.* 41 and 43 Federal street, Boston, Massachusetts.

83 Ornamental mirror. [North nave.]—WALTER & KREPS, *manu.* 342 Broadway, New York City.

84 Decorated panels, painted in imitation of woods and marbles.—JOHN PAYNE, *painter*, 168 Sixth avenue, New York City.

85 Painted imitations of woods and marbles, on panels.—ROBERT GARTHWAITE, *grainer and marbler*, 143 West Sixteenth street, New York City.

86 Specimens of ornamental paper hangings.—A. GOLDER & SON, *manu.* 33 and 35 Hanover street, Baltimore, Maryland.

87 Desks and chairs for schoolrooms.—WILLIAM G. SHATTUCK, *manu.* 80 Commercial street, Boston, Massachusetts.

91 Arm chair, with back and cushion embroidered by the exhibitor.—MISS E. L. MICHEL, New Orleans, Louisiana.

92 Cottage enamelled and richly ornamented bedstead.—HART, WARE & Co., *manu.* 280 Chestnut street, Philadelphia, Pennsylvania.

94 Self-gravitating and pendulating portable berth bed.—DANIEL FLYNN, *inv. and manu.* 472 Pearl street, New York City.

95 Parlor chairs in black walnut.—IGNATIUS LUTZ, *manu.* 75 South Eleventh street, Philadelphia, Pennsylvania.

97 Cottage sofa bedsteads; model of new sofa bed.—RUSSELL SCARRETT, *manu. and imp.* St. Louis, Missouri.

98 Cushioned chair, wrought by the exhibitor.—ANNA M. HILLS, St. Louis, Missouri.

99 Transparent window shade, called the "Patent balance spring shade."—BENJAMIN BRAY, *des. and manu.* Salem, Massachusetts.—*Agents*, STARKIE, LIVESY & Co., 750 Broadway, New York City.

100 Portable tent frame and mosquito bar.—SAMUEL WILLARD, *manu* Troy, New York.

101 Specimens of carved wood work.—J. B. DE ZURCHE, Troy, New York.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, Cement, &c., for Construction and Decoration.

DIVISION A. COURTS 5, 11, AND 17.

1 Carved marble mantel-pieces.—JAMES LEVY, *prop.* 113 East 18th street, New York City. [North nave.]

2 Door and window frames, arches and columns, in terra cotta.—ALEXANDER YOUNG, *manu.* Forty-first street, near First avenue, New York City.

3 Marbleized iron mantels, columns, table-tops, and other articles: a purely American invention.—SALAMANDER MARBLE Co., *inv. and manu.* 813 Broadway, New York City. [North nave.]

4 Silicious marble columns, mantels, pedestals, panels; table, bureau and counter tops: various articles of household furniture and architectural embellishments.—SILEXIAN MARBLE Co., *manu.* 704 Third avenue, New York City.

5 Patent metallic mirror mantels of cast iron and plate glass, manufactured by the Mirror Marble Co., Roxbury, Massachusetts.—*Agent*, GEORGE WALKER, 89½ Leonard street, New York City.

6 Enamelled, or imitation marble, iron mantels, columns, table tops, slabs, &c. &c.—NEW YORK MARBLED IRON WORKS, *manu.* Office, 413 Broadway, New York City.

7 Carved mantel-piece in marble; vase and pedestal in marble—FERRIS & TABER, *manu.* cor. Beach and Greenwich streets, New York City.

8 Scagliola or cement marble columns, half antaes and pedestals.—H. S. FARLEY, *manu.* 138 Mercer street, New York City.

9 Mantel-piece of variegated marble.—OTTAVIANO GORI, *manu.* 895 Broadway, New York City. [North nave.]

10 Emblematic marble mantel-piece.—JOHN MORRISON, *manu.* East Twenty-third street, near Avenue A, New York City. [North nave]

11 Chimney-tops, window-lintels; consoles, garden vases, and other articles, manufactured from an amalgam of clays, burned to the hardness and durability of stone.—QUINN & HILL, *manu.* 82 Nassau street, New York City.

12 Elaborately carved mantel-piece, table-tops, shafts, columns, slabs, &c., of American marbles.—NORTH RIVER MINING & QUARRYING Co. Office, 80 Wall street, New York City.

13 Slabs of manufactured slate for roofs, floors, &c. Model of roofed house.—HYDEVILLE SLATE Co., *manu.* Hydeville, Vermont. Office, 52 White street, New York City.

14 Soap-stone work, such as stoves, furnaces, wash-tubs, sinks, &c., remarkable for capacity to resist heat.—S. W. GOODRIDGE & Co., *manu.* 84 Broad street, New York City.

15 Marble mantel, sculptured in the style renaissance, with friezes of foliage, and birds, centre ornamental shield, and supported by nymphs.—JOHN KENNEDY, *des. and manu.* East Twenty-third street, New York City.

16 Terra cotta cornices, arches, archivolts, brackets, vitrified stone drain pipes, &c.—EDWARD ROCHE, *manu.* West Twelfth and Thirteenth streets. Office, 34 Fulton street, New York City.

17 Specimens of lava ware, manufactured from the slags of reducing furnaces; a new invention, patented in this country and in Europe.—Dr. WM. SMITH, Philadelphia, Pennsylvania.

18 Specimens of fire brick.—JOSEPH D. FORBES, *manu.* Perth Amboy, New Jersey.

19 Gothic baptismal font, in Caen stone, on a base of Aubigny stone.—THOMAS S. WINSLOW, *agent*, 50 South street, New York City.

20 Architectural ornaments in terra cotta.—TOLMAN, HATHAWAY & STONE, *manu.* Worcester, Massachusetts.

21 School and counting-house slates for blackboard uses; roofing slates.—TAYLOR & PORTER, *manu.* Slateford, Pennsylvania.

22 Plaster ornaments for exterior and interior of buildings.—WILLIAM H. FRENCH, *manu.* Philadelphia, Pennsylvania.

23 Italian marble slab coffin.—JOHN McF. LYETH, *inv. and manu.* cor. Baltimore and Pine streets, Baltimore, Maryland.

24 Architectural ornaments in plaster for the interior of buildings.—ANDREA J. GAWY, *manu.* 816 Broadway, New York City.

25 Model of a house roofed with Blue Mountain slate.—CHARLES B. DANIEL, *manu.* Bethlehem, Pennsylvania.

26 Elaborate capital for Grecian column, modelled in plaster.—LOUIS BAIL, *manu.* 457 Houston street, New York City.

27 Centre ceiling-pieces, flowers, friezes, soffets, and other architectural ornaments in plaster of Paris.—WATSON & HODGSON, *manu.* 374 Broadway, New York City.

28 Terra cotta ornaments, capitals, arches, window heads, trusses, &c.—WINTER & Co., *manu.* cor. South Prospect and Nicholas streets, Newark, New Jersey.

29 Richly decorated arch and columns, mantels, bannisters, urns, candelabra, work boxes, table tops, and other specimens of ligneous marble, or imitations of marble in wood and iron.—FREUND & MILLER, *manu.* cor. Centre and Franklin streets, New York City.

30 School and counting-room slates.—McDOWELL & Co., *manu.* Slatington, Pennsylvania.—*Agent*, D. D. JONES, Philadelphia, Pennsylvania.

32 Relief, or projection letters, for signs, tablets, &c., manufactured from a mineral composition, and finely enamelled in gold and colors.—KIRBY & CANNON, *manu.* 57 Sands street, Brooklyn, New York.

33 Lyric centre-piece in Plaster of Paris.—THOMAS HEATH, *inv. and manu.* cor. Arch and Eleventh streets, Philadelphia, Pennsylvania.

34 Stone and earthenware drain-pipe, elbows, &c.—WASHINGTON SMITH, *manu.* 261 West Eighteenth street, New York City.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not Woven or Felted, or Otherwise Specified.

NORTH-EAST GALLERY.

1 Specimens of India rubber fabrics.—CHARLES GOODYEAR, *prop.* New Haven, Connecticut.—*Agent*, JAMES A. DORR, 69 Wall street, New York City.

2 Imitation tortoise-shell combs of every style, carved horn and buffalo combs, ladies' dress combs, &c.—H. C. LOBDELL, *manu.* Brookfield, Connecticut.

3 Fancy India rubber goods in great variety.—NEW YORK RUBBER CO., *manu.* 43 Maiden lane, New York City.

4 Specimens of India rubber, GOODYEAR INDIA RUBBER GUM CO., *manu.* Naugatuck, Connecticut. Office, 36 John street, New York City.

5 Ivory billiard and pool balls; martingale, napkin and teething rings; sand, pounce, and fancy boxes; wafer-stamps, pen-holders, draught-men, counters, checks, cane-heads, gavels, &c. Curious box of many kinds of wood, embracing relics of the past.—SAMUEL SHARDLOW, *manu.* 116 Fulton street, New York City.

6 Pyramid of ivory combs, and other articles in ivory.—PRATT, WEBB & CO., *manu.* 57 Maiden lane, New York City.

7 Children's carriages, propellers, rocking-horses; sheep-skin mats, baskets, brooms, &c.—C. LOCKWOOD, *manu.* 25 Fulton street, New York City.

8 Spoons, scoops, &c., made of horn.—ALVIN COLBURN, *manu.* Leominster, Massachusetts.

9 Turned wooden boxes for druggists' use.—M. HALL, *agent*, 145 Maiden lane, New York City.

10 Variety of brushes, for artists and painters.—TIERCELIN, *manu.* 206½ Canal street, New York City.

11 Spokes from the St. Louis Spoke factory.—JACOB WOODBURN, *agent*, St. Louis, Missouri.

12 Tool handles, of irregular forms.—BOIES, LELAND & CO., *manu.* Norwich, Connecticut.

13 Water-proof mail bags.—H. ALLEN, *manu.* Allensgrove, Wisconsin.

14 Specimens of various styles of paint and varnish brushes.—JAMES T. STEER & CO., *manu.* 250 Pearl street, New York City.

15 Horological cradle, or "Mother's Help."—ALEXANDER EDMONDS, *manu.* Mount Pulaski, Illinois.

16 Assortment of fine shell and buffalo horn combs.—WILLIAM PAULY, *manu.* Strattonport, New York.

17 Specimens of submarine telegraph wire with gutta percha coating. Serial tubing of gutta percha for carrying water under rivers. Specimens of submarine wire now in use under the Straits of Dover and the Irish Channel.—S. T. ARMSTRONG, *prop.* H. L. STUART, *exhib.* New York City.

18 Fancy basket carved out of a cocoa-nut shell.—WM. E. WILLIAMS, JR., New York City.

19 Wash tubs, buckets, churns, and various other articles of cedar wood ware.—A. J. & H. E. STORMS, *manu.* Nyack, Rockland county, New York.

20 Specimens of India rubber shirred webbing, and various articles made of India rubber cloth.—ROGERS & WYCKOFF, *manu.* 23 Courtlandt street, New York City.

21 A variety of articles manufactured of gutta percha.—NORTH AMERICAN GUTTA PERCHA COMPANY. Warehouse, 80 Cedar street, New York City.

22 Specimens of scale-boards, or thin veneering in white wood, of thicknesses varying from 6 to 32 to an inch.—JAMES L. BUTLER, *agent*, 3 Front street, New York City.

23 Wheel brushes for polishing enamelled teeth, jewelry, &c.—WILLIAM P. DRAIS, *manu.* 319 North Tenth street, Philadelphia, Pennsylvania.

24 Specimens of brushes and fancy bead work.—WILLIAM CHAPIN, Institution for the blind, Philadelphia, Pennsylvania.

25 Caulker's mallet and set of chisel handles, made of live oak, by the exhibitor, who is a sailor.—HENRY L. PARKER, East Lyme, Connecticut.

26 Variety of fine turtle-shell combs, of new patterns and designs.—ORREN CLAFLEN, *manu.* 32 North Main street, Providence, Rhode Island.

27 Dove-tailed block, to exhibit workmanship.—GEORGE WOOD, *manu.* Hackensack, New Jersey.

28 Hatchet, axe, and tool-handles of wood, wheel-spokes and whiffle-trees turned by machine.—CHARLES L. CHAPLAIN, *manu.* Newark, New Jersey.

29 Specimens of pegs for boots and shoes.—KIMBALL & SAWYER, *manu.* Bedford, Massachusetts.

30 Specimens of manufactures in whalebone and artificial whalebone; canes, patent veneers, &c.—MEYER & POPPENHUSEN, *manu.* 44 Cliff street, New York City.

31 Walking canes, variously mounted; snuff-boxes, and various articles, made from the wood of the tree rendered famous by the fate of the unfortunate Jane McCrea.—JAMES M. BURDICK, *manu.* Fort Ann, Washington Co. New York.

32 India-rubber packing valves for steam-engines, water and air pumps.—GOODYEAR RUBBER PACKING CO., *manu.* Newtown, Connecticut.

35 Shaving and sash brushes.—ROBERT H. RELAY, *manu.* Lansingburg, New York.

36 Assortment of fine ivory combs; combs in Turkey box and tortoise-shell; tablets in ivory, pearl, and tortoise-shell; fancy articles in ivory, rosewood, &c., &c.—JOHN FENN, *manu.* 45 Ann street, New York City.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidesy, &c.

EXTREME NORTH GALLERY.

1 Needles, fish-hooks, and all descriptions of fishing tackle.—T. & T. H. BATE, *manu.* 108 Maiden Lane, New York City.

2 Specimens of flowers in wax.—AMELIA ANN AUSTIN, *manu.* 102 Canal street, New York City.

3 Canes in various styles of wood, &c., mounted in gold and silver.—WM. E. ROSE, *manu.* 37 Reade street, New York City.

4 Tricopherous, or patent medicated compound for the hair.—VAIR CLIREHUGH, *manu.* 179 Broadway, New York City.

5 Specimens of soaps, in plain and fancy styles, fine perfumery, extracts, &c.—JONATHAN T. JOHNSON, *manu.* 317 Bowery, New York City.

6 Specimens of fine razor strops.—GEORGE SAUNDERS & SON, *manu.* 7 Astor House, New York City.

7 Variety of umbrellas and parasols.—ISAAC SMITH, SONS & CO., *manu.* 257 Pearl street, New York City.

8 Toilet and fancy soaps, transparent soaps for the toilet and washing purposes.—JOHN THOMPSON, *manu.* 80 North Third street, Williamsburgh, New York.

9 Specimens of artificial leaves and flowers.—GUILLEAUME & KORN, *manu.* 101 William street, New York City.

10 Variety of wax and rag dolls.—HENRY S. ROGERS, *prop.* 449 Broadway, New York City.

11 Ornamental fruit cakes.—BENJAMIN WILT, *manu.* 324 Grand street, New York City.

12 Chains and other fancy carvings in wood, done with a penknife.—JOHN S. LANE, *manu.* 226 Clinton street, New York City.

13 Zinc wash-boards.—WAYNE, BAILEY & Co., *inv. and manu.* Cincinnati, Ohio.

14 Specimens of fine ornamental confectionery.—H. MAILLARD & Co., *manu.* 621 Broadway, New York City.

15 Swing and baby-jumper, dressed dolls, portfolios, necessaires, newspaper files, &c.—GEORGE W. TUTTLE, *manu.* 345 Broadway, New York City.

16 Pocket and larger cases of homœopathic medicine; specimens of sugar of milk and other articles used in homœopathic practice.—JOHN T. L. SMITH, *manu.* 388 Broadway, New York City.

17 Bales of merchandise, exhibited to show the manner of packing goods for the California and South America markets.—CLEVELAND & Co., *dealers*, 29 Exchange Place, New York City.

18 Specimens of preserved birds and quadrupeds.—JOHN G. BELL, *taxidermist*, 289 Broadway, New York City.

19 Self-adjusting door alarm.—T. FREDERICK THOMAS, *prop.* 129 Pearl street, New York City.

20 Person's pocket medal Calendar for 1854.—J. B. HYDE, *publisher*, 162 Fulton street, New York City.

21 Specimens of fancy soaps and fine starch.—WILLIAM COLGATE & Co., *manu.* 6 Dutch Street, New York City.

22 Specimens of paper flowers, exhibited in a frame of pressed leather.—MRS. THEODORE VANSKILLINE, *manu.* 389 Broadway, New York City.

23 Assortment of fishing tackle.—J. & J. C. CONROY, *manu.* 32 Fulton street, New York City.

24 Fine morocco jewel cases, pocket-books, portable writing-desks, work-baskets, and other articles of fancy leather.—ZUERN & RANFTLE, *manu.* 14 John street, New York City.

25 Specimens of superior cologne water.—W. L. CLEVELAND, *manu.* 207 King street, Charleston, South Carolina.

26 Specimens of wahpene, an Indian specific for the improvement of the growth of the hair.—GEORGE VANDEUSEN, *inv. and manu.* 123 Chambers street, New York City.

27 Mother-of-pearl card-cases, work-boxes, tablets, and various other articles.—SAMUEL HART & Co., Philadelphia, Pennsylvania.

28 Specimens of artificial flowers.—MADAME CIVATTE, *manu.* 64 White street, New York City.

29 Frames ornamented with leather flowers, made by Etheridge, of Cambridge, Massachusetts.—HENRY C. CAREY, *prop.*, Burlington, New Jersey.

30 Fancy soaps, pomades, extracts, toilet vinegar, pastiles, &c.—LOUIS MICHAEL, *manu.* 166 William street, New York City.

31 Specimens of daguerreotype cases and frames.—EDWARD G. TAYLOR, *manu.* 128 Fulton street, New York City.

32 Specimens of Lyon's extracts, colognes, kathairon, bandoline, and other articles of perfumery.—D. S. BARNES, *prop.* 161 Broadway, New York City.

33 Fish without eyes from the Mammoth Cave of Kentucky.—C. B. WOOD, *prop.* New York City.

34 Work-box.—EDGAR A. DUNHAM, *prop.* 93 East Thirteenth street, New York City.

35 Premium dental toilet sets, dentifrice, and tooth wash.—JOHN A. CUMMINGS, *manu.* 23 Tremont Row, Boston, Massachusetts.

36 Velocipedes, baby houses, dressed dolls, and fancy articles.—W. S. ROGERS, *manu.* 449 Broadway, New York City.

37 Specimens of transparent soaps, shaving soap, starch polish.—WILLIAM JOHNSON, 55 Frankfort street, New York City.

38 Stuffed bear, stuffed birds, and other animals.—JOHN L. BODE, *taxidermist*, 170 William street, New York City.

39 Ladies' work-box.—ADOLPH DENG, *manu.* 591 Broadway, New York City.

40 Nonpareil hair lustral, an odoriferous creamy liquid for cleansing and

improving the hair.—Mrs. GEO. N. H. BROWN. *inv. and manu.* 282 Broome street, New York City.

41 New style of carpet bags.—MATTHEWS & HUNT, *manu.* 35 Dey street, New York City.

42 Variety of articles in pearl and mother-of-pearl.—ROBERT S. STANTON, *manu.* 20 Cliff street, New York City.

43 Shell monument to the memory of Washington.—Mrs. CATHARINE ROSS, *maker*, Cincinnati, Ohio.

44 Patent perfumed oriental crystal, or "spirit of the flowers."—N. WHITELY, *pat. and manu.* 131 West 18th street, New York City.

45 Steel frames for porte-monnaies; steel locks, clasps, &c. for portfolios, souvenirs, pocket-books, &c.—THOMAS MORTON & BROTHER, *manu.* 212 Pearl street, New York City.

46 Specimens of cologne water and shaving cream.—JOHN LINDMARK, *manu.* 256 Bowery, New York City.

47 Case of stuffed birds.—JAMES L. HARING, *taxidermist*, Piermont, New York.

48 Various styles of fancy walking canes.—F. & C. WACKER, *manu.* 73 Chatham street, New York City.

49 Chain carved out of a single piece of wood.—CYRUS RICHMOND, Halifax, Massachusetts.

50 Porte-monnaies, reticules, work-boxes, in leather, steel, pearl, and ivory.—JOSEPH SCHORRN, *manu.* 196 William street, New York City.

51 Specimens of perfumery and fancy articles.—RICE & SMITH, *prop.* 725 & 727 Broadway, New York City.

52 Specimens of fine French confectionery and fancy chocolates. Birds, butterflies, &c. in sugar.—NAZAIRE STRUELENS & Co., 75 Duane street, New York City.

53 Silk umbrellas and parasols.—JAMES WOODS, *manu.* 292 Pearl street, New York City.

54 Two stuffed dogs, of the pure terrier species.—WILLIAM MORRIS, cor. Bridge and Prospect streets, Brooklyn, New York.

55 Pyramid of fancy soap.—STEPHEN W. JONES, *manu.* 259 W. Sixteenth street, New York City.

56 Cologne fountain; choice extracts, essences, and chemical preparations; toilet soaps of various kinds.—[East nave.]—EDWARD PHALON, *manu.* St. Nicholas Hotel, 517 Broadway, New York City.

57 Prairie-hunter in sugar paste.—K. KILIAN, *manu.* 146 West Broadway, New York City.

58 Steam-made confectionery and fancy chocolates.—MENDES & MARTIN, *manu.* 69 Leonard street, New York City.

59 Liquid hair dye.—O. M. BALLARD, *manu.* 333 Bowery, New York City.

60 Flower seeds.—E. M. BISSELL, *prod.* Orford, New Hampshire.

61 Umbrellas, parasols, and walking sticks of all descriptions.—JOHN J. SMITH, *manu.* 234 Broadway, New York City.

62 Varieties of soap.—C. F. WILLIAMS, *manu.* New York City.

63 Patent metallic life-preservers.—R. BULKLEY, 297 Pearl street, New York City.

64 New fishing reel.—MEEKS & MILAM, *manu.* Frankfort, Kentucky.

65 Travelling dressing-cases, razor strops, &c.—WILLIAM SAUNDERS, *manu.* 306 Bowery, New York City.

66 Morocco and velvet cases for jewelry.—JOHN P. SEELE, *manu.* 74 Duane street, New York City.

67 White and fancy-colored feather fans.—NELSON WEBSTER, *manu.* Plainfield, New Jersey.

68 Payson's tooth powder.—PAYSON & THURSTON, *manu.* Stapleton, New York.

69 Specimens of a new and patent variety of soap.—IRA F. PAYSON, *manu.* Stapleton, New York.

70 Various specimens of perfumery and fancy soaps.—JUSTIN SCHLLHAAS, *manu.* 195 William street, New York City.

71 Fancy wire bird-cages.—J. MAXHEIMER & BROTHER, *manu.* 128 Grand street, New York City.

72 Porte-monnaies and cigar-cases of leather, mother-of-pearl, &c.—BEER & Co., *manu.* 40 Maiden lane, New York City.

74 Portfolios, portemonnaies, and cigar-cases.—ANTHONY MENKEL, *manu.* 83 Nassau street, New York City.

75 Ornamental piece of confectionery.

76 Variety of walking canes.—PETER SCHNEIDER, *manu.* 20 Maiden lane, New York City.

77 Whips and whip-thongs, harness cords for lines, traces, &c.—JASPER R. RAND, *manu.* Westfield, Massachusetts.

78 Canes made of the wood of the orange tree.—E. LEE, *manu.* Tampa Bay, Florida.

79 Articles manufactured by the Cayuga Indians.—PETER WILSON, of the Cayuga tribe of Indians, Versailles, New York.

80 Liquid blacking.—EDWIN LYNCH, *manu.* Pawtucket, Rhode Island.

81 Specimens of school slates.—WILLARD FELT, 191 Pearl street, New York City.

82 Basket of wax flowers.—Miss JANE S. B. SLOAT, *manu.* Piermont, Rockland Co., New York.

83 Variety of ornamental confectionery.—H. N. FISTIE, *manu.* 40 Chatham street, New York City.

85 Checker and backgammon board, the work of a boy.—MARCIUS MORAN, *manu.* 103 Third Avenue, New York City.

86 Preserved owls; game birds of various countries; preserved Albino and mottled deer; preserved panthers, male and female; ourang-outang; green monkey; fish, and other animals.—JAMES A. HURST, taxidermist, Old State Hall, Albany, New York.

88 Hair dyes, tooth powders, hair restorative, and hair oils.—JOHN A. JONES, *manu.* 23 East Baltimore street, Baltimore, Maryland.

89 Specimens of the mechanical "sewing bird;" new patent spring tape measure.—CHARLES WATERMAN, *manu.* West Meriden, Connecticut.

90 Specimens of fans and fly brushes of peacock feathers.—GEORGE A. BLAIR, *manu.* Smyrna, Tennessee.—*Agents*, J. & C. BERRIAN, New York.

91 Specimens of riding and driving whips.—PEARSON & SALLADA, *manu.* 1 & 3 North Fourth street, Philadelphia, Pennsylvania.

92 Specimens of fine toilet soaps, and various choice articles of perfumery.—XAVIER BAZIN, *manu.* 114 Chestnut street, Philadelphia, Pennsylvania.

93 Patent letter and invoice file.—SMITH & BUTLER, *manu.* New York City.

94 Lemon tray, card-basket, &c.—ANNA M. BRUSH, *maker*, 277 Seventh street, New York City.

95 Specimens of wax flowers and fruits.—ELNORA T. CROCKER, *manu.* Syracuse, New York.

96 Specimens of West Indian tincture for the gums.—R. B. DA COSTA, 442 Vine street, Philadelphia, Pennsylvania.

97 Specimens of fine perfumery.—RICHARD S. CHRISTANI, *manu.* 70 North Second street, Philadelphia, Pennsylvania.

99 Specimens of confectionery.—JOHN URIAN & Co., *manu.* 403 Market street, Philadelphia, Pennsylvania.

100 Variety of transparent and fancy soaps.—H. P. & W. C. TAYLOR, *manu.* 379 North Ninth street, Philadelphia, Pennsylvania.

101 Specimens of an improved tooth wash.—FRANCIS ZERMAN, *manu.* corner Ninth and Catharine streets, Philadelphia, Pennsylvania.

102 Specimens of blacking.—JAMES S. MASON & Co., *manu.* Philadelphia, Pennsylvania.

103 Fancy soaps, toilet, and shaving cream; liquid bluing for the laundry; paste and liquid blacking.—JAMES B. WILLIAMS & Co., *manu.* Glastenbury, Connecticut.

104 Various articles in turned ivory and hard wood.—H. W. HYDE, *manu.* 21 Maiden lane, New York City.

105 Babbitt's superior toilet soaps, shaving creams, verbena water, &c.—BECK & Co., *manu.* 120 Washington street, Boston, Massachusetts.

107 Specimens of jujube paste; powder boxes and puffs.—GEORGE CHANDLER, *manu.* 290 Fourth street, New York City.

108 Specimens of perfumery.—THOMAS B. NESBERT, *manu.* Natchez, Mississippi.

110 General assortment of fishing tackle.—J. B. CROOK & Co., *manu.* 50 Fulton street, New York City.

111 Marine algæ, or preparations of sea weed.—J. MCALPINE SOMERVILLE, Philadelphia, Pennsylvania.

113 Oil paste blacking and water-proof composition for leather.—JOHN VAN DEVENTER, *manu.* 87 Barclay street, New York City.

114 Specimens of blacking.—CHARLES F. HERRING, *inv. and manu.* 69 Orange street, Brooklyn, New York.

115 Ivory crucifix and Chinese articles.—J. P. FOUNTAIN, 653 Broadway, New York City.

116 Glazed and twisted tobacco pipes; pipe heads of various descriptions.—DANIEL WHITE, *manu.* Forty-fourth street, between Eighth and Ninth Avenues, New York City.

117 White crayons.—WALTER & WINTERBOTTOM, *manu.* 517 Walnut street, Philadelphia, Pennsylvania.

118 Specimens of "magic blacking," tin blacking boxes, &c.—RUSHTON & MYERS, *manu.* 39 Strawberry street, Philadelphia, Pennsylvania.

119 Pure crystal cement for repairing broken glass, china, &c.—ROBERT M. CAMPBELL, *inv. and manu.* East Cambridge, Massachusetts.

123 Fancy card case in worked paper.—MARY A. JUDSON, *maker*, Atlantic street, Brooklyn.

124 Various ornamental objects wrought in hair, chenille, shells, wax, beads, moss, &c.—MRS. SARAH ANN REED, *manu.* 8 Leroy street, New York City.

125 Crystallized grasses.—Miss M. A. COCHRAN, Brooklyn, New York.

126 Fancy articles in ivory and wood—as silk and cotton stands, emery cushions, thimble cases, wax and silk spools, drawer knobs, &c.—JAMES ARMITAGE, *manu.* 279 Stanton street, New York City.

127 Japanned and painted tin toys.—JOHN W. HOLBERTON, *manu.* 43 Maiden lane, New York City.

128 Variety of buttons.—E. S. WHEELER & Co., *manu. and agents*, 8 Dey street, New York.

129 Variety of pewter toys.—PIA, BROTHERS, *manu.* 127 Hester street, New York City.

130 Specimens of sand paper of various qualities.—GEORGE W. WHITMORE, *manu.* 177 William street, New York City.

131 Specimens of clothes-pins.—D. M. SMITH, *manu.* Springfield, Vermont.

132 Specimens of sand and emery papers.—WILLIAM B. PARSONS, *manu.* 290 Pearl street, New York City.

133 Basket of wax fruit.—Miss S. J. HARRIS, *maker*, Brooklyn, New York.

134 Head of Washington in shell-work.—Mrs. Gen. EZEKIEL P. WALTON, Montpelier, Vermont.

CLASS 30.

Musical Instruments.

DIVISION A. COURTS 7, 8, AND 9.

1 French grand action piano-forte, of 7¼ octaves, in double serpentine case of crotch and mottled oak, with carved plinths. [In the decorated room.]—WILLIAM HALL & SON, *manu.* 239 Broadway, New York City.

2 Melodeon, with two sets of reeds, in richly carved rosewood case.—GEO. A. PRINCE & Co., *manu.* Buffalo, New York.—*Agents,* WILLIAM HALL & SON, 239 Broadway, New York City.

3 Violins of a new model, with hollow back, of great simplicity of construction and of increased power and sweetness of tone.—WILLIAM S. MOUNT, N. A. *inv. pat. and prop.* Stoneybrook, Long Island.

4 Grand gothic double action harp, of 6¾ octaves, and music stand.—JOHN F. BROWN, *manu.* 295 Broadway, New York City.

5 Musical instruments of German silver and brass, with rotary valves; guitars.—C. A. ZOEBISCH & SONS, *manu.* 179 Mott street, New York City.

6 Violins, tenor, violoncello and double bass, in imitation of Stradivarius, Guernerius, and Amati. These violins are made of American materials, except the strings. They produce the same quality of tone with the old Italian instruments, but the French method of preparing the wood by a chemical process is obviated by a new method.—GEORGE GEMUENDER, *inv. and manu.* 304 Broadway, New York City.

7 Keyed stop violins, a new invention, greatly facilitating the process of playing this instrument.—WILLIAM ROBERTSON, *inv. and manu.* 181 Broadway, New York City.

8 Piano-forte of carved rosewood.—HAZELTON & BROTHER, *manu.* 219 Centre street, New York City.

9 Rosewood piano-forte.—BENNETT & Co., *manu.* 361 Broadway, New York City.

10 American portable harp, capable of transposition into various keys, and of being played upon without tuning.—P. C. O. NEILL, *manu. and prop.* 180 Hester street, New York City.

11 Fine violin, made by Aug. Glass, of Germany.—EDWARD BAACK, *imp.* 87 Fulton street, New York City.

12 Church organ on a new principle.—ALBERT GEMUENDER, *inv. pat. and manu.* Springfield, Massachusetts.

13 Two piano-fortes in rosewood and papier maché.—GROVESTEEN & Co., *manu.* 48 Broadway, New York City.

14 Guitar, accordeon, flute, brass musical instruments, and fine strings.—CARGILL & Co., *manu. and imp.* 47 Maiden lane, New York City.

15 Seven and a quarter octave piano-forte.—LIGHTE & NEWTON, *manu.* 22 Canal street, New York City.

16 Seven and a quarter octave piano-forte, serpentine front, and elaborate finish.—CHARLES J. HOLDEN, *manu.* 188 Spring street, New York City.

17 Patent universal repeating grand action for piano-forte.—JOHN RUCK, *inv. and manu.* New York City.

18 Æolian piano-forte, made by Gilbert.—HORACE WATERS, *prop. and agent,* 333 Broadway, New York City.

19 Violins, altos, bass, and counter-bass, in imitation of the violins of the 15th century.—MIRMONT, *manu.* 44 Forsyth street, New York City.

20 Piano-forte, with patent Euterpean attachment.—MCDONALD & BROTHER, *manu.* 291 Bowery, New York City.

21 Melodeons, with new patent bellows, and other valuable improvements.—WILLIAM P. GARDNER, *pat. and manu.* State street, New Haven, Connecticut.

22 Improved system for transposing the musical scale, by wheel and sliding scale.—H. S. BLUNT, *inv.* New York City.

23 Rosewood seven octave square piano-forte.—JEAN LANKOTA, *manu.* 18 Harrison street, New York City.

24 Violins.—JOHN STRODE, *manu.* 225 Centre street, New York City.

25 Clarionets, bassoons, and other instruments.—F. LAUTER, *manu.* 21 Chrystie street, New York City.

26 Miniature piano-forte, eighteen inches in length.—W. H. BOWDEN, *manu.* Twenty-ninth street, New York City.

27 Grand piano-forte, in rosewood case.—A. BASSFORD, *manu.* New York City.

28 Semi-grand square piano-forte, of seven octaves.—FIRTH, POND & Co., *manu.* Franklin square, New York City.

29 Grand and square piano-fortes.—HALLETT, DAVIS & Co., *manu.* 409 Washington street, Boston, Massachusetts.—*Ayent,* T. S. BERRY, 297 Broadway, New York City.

30 Two guitars.—C. F. MARTEN, *manu.* Nazareth, Pennsylvania.

31 Square piano-forte, richly carved.—GEORGE HEWS, *manu.* 365 Washington street, Boston, Massachusetts.—*Agent,* N. P. B. CURTIS, 447 Broadway, New York City.

32 Seven octave piano-forte in rosewood case.—S. H. SCHOMACKER & Co., *manu.* 292 Chestnut street, Philadelphia, Pennsylvania.

33 A quartette of musical instruments—viz. two violins, a tenor, and violoncello.—JOSEPH NEFF, *manu.* 44 N. Third street, Philadelphia, Pennsylvania.

34 Improved transposing guitar, and improved banjo.—NAPOLEON W. GOULD, *inv. and manu.* 100 Grand street, New York City.

35 Clarionets, flutes, trumpets, saxe-horns, tuba, and bugles.—E. P. CHRISTMAN, *manu.* 603 Broadway, New York City.

36 Accordeons, with improved reeds; banjo with new arrangements for tuning; tambourine, with flush screws.—J. JACOBS, *manu.* 100 Chatham street, New York City.

40 Specimens of gold and silver keyed clarionets and flutes.—E. H. EISENBRANDT, *manu.* 78 Baltimore street, Maryland.

41 Flutes of crystal and silver.—P. ERNST & SONS, *manu.* 821 Broadway, New York City

CLASS 31.

Fine Arts, Sculpture, Paintings, Engravings, &c.

1 Statue of Eve, in marble.—HIRAM POWERS, *sculp.*—Col. JOHN S. PRESTON, *prop.* Columbus, S. C.

2 Statue of the Greek Slave, in marble.—HIRAM POWERS, *sculp. and prop.* Cincinnati, Ohio.

3 Statue of the Fisher Boy, in marble.—HIRAM POWERS, *sculp.*—SIDNEY BROOKS, Esq., *prop.*, New York City.

4 Bust of Proserpine, in marble.—HIRAM POWERS, *sculp.*—SIDNEY BROOKS, Esq., *prop.* New York City.

[Numbers 1, 2, 3, and 4 are placed in a group in the centre of the building.]

5 Bust, in marble, representing "A Bacchante."—A. GALT, *sculp. and prop.* Norfolk, Va, [North nave.]

6 Bust of "Psyche," in marble.—A. GALT, *sculp. and prop.* Norfolk, Va. [North nave.]

7 Bust of Daniel Webster, in marble.—ANTONIO PIATTI, *sculp.* New York City. [North nave.]

8 Statue of "The Husbandman's Orphan," in marble.—A. PIATTI, *sculp.* New York City. [North nave.]

9 "Sleeping Child," in marble.—A. PIATTI, *sculp.* New York City. [North nave.]

10 Bronze statue of a dog.—E. S. HOPPIN, *des.* New York City. [South nave.]

11 Statue, in bronze.—H. K. BROWN, *sculp.* New York. [North nave.]

12 Statuette of Daniel Webster, composition.—T. BALL, *des.*—GEO. W. NICHOLS, *sculp.* Boston, Massachusetts.

13 Minstrel's Curse—group, in marble.—CHARLES MULLER, *sculp.* New York City. [South nave.]

14 Christ in the Sepulchre, small work in marble.—Mrs. C. H. CRISWELL, *sculp.* Brooklyn, New York.

15 Marble bust of Dr. John Green (of Columbia, S. C.).—B. H. KINNEY, *sculp.* Worcester, Massachusetts. [Centre.]

16 Marble bust of the Hon. CHARLES ALLEN (Worcester, Mass.).—B. H. KINNEY, *sculp.* Worcester, Massachusetts. [Centre.]

17 Collection of Cameo likenesses, cut in shell.—B. H. KINNEY, *sculp.* Worcester, Massachusetts.

18 Bust of a female, in marble.—C. B. IVES, *sculp.* Connecticut. [North nave.]

19 Portrait bust, in bronzed plaster, of Gen. Zachary Taylor, late President of the United States.

20 Portrait bust of the Hon. Lewis Cass.

21 Portrait bust of Gen. Winfield Scott.

22 Medallion portrait, in plaster, of Henry Clay.

23 Medallion portrait, in plaster, of Daniel Webster.

24 Medallion portrait, in plaster, of Archbishop Hughes.

25 Medallion portrait, in plaster, of T. Addison Richards, *Sec.* National Academy of Design.

[The foregoing numbers, from 19 to 25 inclusive, are contributed by THOMAS D. JONES, *sculp.* 300 Broadway, New York City.]

26 Bust of Daniel Webster, in marble.—KING, *sculp.* Boston, Massachusetts.—MOSES H. GRINNELL, *prop.* New York City.

27 Veiled Cupid, a miniature in marble, and other curiosities of art. [In case placed in the North-west gallery.]—W. C. MOON, *prop.* Studio Curioso, St. Nicholas Hotel, New York City.

28 Bas-relief, in plaster—an American Allegory.—BORUP, New York City. [East nave.]

29 Head of Jupiter, from the antique.—FERRIS & TABER, *sculp.* [North nave.]

30 Statuettes, in marble, from the antique.—FERRIS & TABER, *sculp.* [North nave.]

31 Portrait bust, in plaster, of Wilson McCandless.—PETER RENIER, *sculp.* Philadelphia, Pa. [East nave.]

32 Portrait bust, in plaster, of Prof. Mütter.—PETER RENIER, *sculp.* Philadelphia, Pa. [East nave.]

33 Collection of medallions from life, in plaster.—S. ELLIS, *sculp.* 247 Broadway, New York City.

34 Portrait bust, in marble, of Mrs. Crawford.—THOMAS CRAWFORD, *sculp.* United States. [North nave.]

35 Bust, in bronze, of Daniel Webster.—J. G. GILBERT, *sculp.* New York City.

36 Bust, in plaster, of Captain Erickson.—H. KNEELAND, Yorkville, New York.

37 Bas-reliefs, in plaster.—Prof. DUGGAN, *sculp.* New York.

38 Ornamental work in marble.—GEORGE RYAN, *sculp.* New York City.

[The paintings belonging to this Class are hung, with a few exceptions, in the Picture Gallery, and included in the Picture catalogue—for which reason they do not appear in this list. The following pictures, engravings, prints, and other works of art, are placed principally in Division D, in Courts 8, 13, and 17, adjoining the group of Christ and his Apostles, by Thorwaldsen.]

39 Specimens of engraving on steel from American landscapes painted by American artists, being illustrations from the "Home Book of the Picturesque"—GEO. P. PUTNAM & Co., *pub.* 10 Park Place, New York City.

40 Landscape, in oils.—A. F. LOEMANS, *artist*, New York City.

41 Tableau of twenty-eight illuminated drawings, illustrating the Compline Psalms. By a Lady of New York.—Exhibited by GEO. P. PUTNAM & Co. 10 Park Place, New York City.

42 Book of cartoons, in outlines, illustrating the Gospels, with illuminated texts, colored by hand, in the ancient tempera.—EUGENIO LATILLA, *artist*, 270 Sixth Avenue, New York City.

43 Colored print of "Washington Crossing the Delaware," by LEUTZE.—GOUPIL & Co., *pub.* Broadway, New York City.

44 Il Saltarello—feast of May at Naples—an engraving from KARL MULLER.—GOUPIL & Co., *pub.* New York City.

45 Engraving of Winterhalter's "First of May," now on exhibition in the Picture Gallery.—GOUPIL & Co., New York City.

46 Specimens of engraving on wood, illustrative of Washington Irving's works, from designs by Darley.—GEO. P. PUTNAM & Co., *pub.* 10 Park Place, New York City.

47 Hector rebuking Paris.—FABIAN FABRONI, *artist*, New York City.

48 Diana and Endymion.—CHARLES O. COLE, *artist.*

49 Flowers mentioned by Shakespeare.—Miss MARY BELMANO, *artist.*

50 "Twilight."—C. DRUDE, *artist*, Long Island, New York.

51 Portrait of Father Gavazzi.—F. FABRONI, *artist*, New York City.

52 The boy and the gold fish, and other pictures in pastel and crayon.—Miss H. AUGUSTA VAN TUYL, *teacher*, 683 Broadway, New York City.

53 Death of Lucretia.—F. FABRONI, *artist*, New York City.

54 Portrait of the Rev. James O'Donnell.—CHARLES O. COLE, Portland, Maine.

55 Destruction of Pompeii.—J. CARLEN, *artist.*

56 Wreath of flowers painted on satin.—C. DRUDE, Long Island, New York.

57 Collection of miniatures on ivory—F. FABRONI, *artist*, New York City.

58 Roman peasant girl with tambourine.—H. C. SANDERS, *artist*, Mobile, Alabama.

59 Specimens of chromo-lithography.—A. BRETT, *lith.* 6 South-seventh street, Philadelphia.

60 View of Ashland in mezzotint.—JOHN SARTAIN, *eng.* Philadelphia.

61 Specimens of lithography.—SCHAERFF & BROTHERS, St. Louis, Missouri.

62 Six colored lithographs of American steamers.—ENDICOTT & Co., *lith.* 59 Beekman street, New York City. [North stairway.]

64 Proof impressions from wood engravings executed from drawings by Darley, Döpler, Richards, Kensett, and other artists.—WHITNEY, JOCELYN & ANNIN, *wood engravers*, 58 and 60 Fulton street, New York City.

65 Specimens of bank note engraving.—RAWDON, WRIGHT, HATCH & Co. *engravers*, 48 Exchange place, New York City. [Picture gallery.]

66 Specimens of bank note engraving.—DANFORTH, WRIGHT & Co., *engravers*, New York City. [Picture gallery.]

67 Specimens of wood engraving.—WM. HOWLAND, 69 Nassau street, New York City.

68 Specimens of steel plate engravings.—A. S. DICK, *engraver*, 157 Gold street, Brooklyn, New York.

69 Specimens of card and steel plate engraving.—JAMES MCLEES, *engraver*, 39 Chambers street, New York City.

70 Specimens of card and steel plate engraving.—JACOB HYATT, *engraver*, Maiden lane, New York City.

71 Various specimens of lithography.—SARONY & MAJOR, *lith.* 117 Fulton street, New York City.

72 Fine line engravings from electro-steel plates.—GEO. S. APPLETON, *pub.* 356 Broadway, New York City.

73 Specimens of wood engraving.—J. W. ORR, *eng.* 75 Nassau street, New York City.

74 Specimens of Geo. Baxter's (London) oil prints.—DAVID DAVIDSON, *agent*, 109 Nassau street, New York City.

75 Specimens of pen drawing and ornamental cards.—MISS MARIA EDMONDS, Charleston, Massachusetts.

76 Specimens of penmanship.—W. J. L. MILLER, Charleston, South Carolina.

77 Specimens of penmanship.—J. R. GOWARD, *teacher*, 423 Sixth avenue, New York City.

78 Ornamental penmanship.—ASA H. WHEELER, 251 Broadway, New York City.

79 Pen and ink drawings and writing.—GEO. BRISTOW, *teacher*, 100 Chestnut street, Philadelphia.

80 Commercial and ornamental writing.—D. F. BROWN, 285 Fulton street, Brooklyn.

81 Elaborate and curious specimens of penmanship in Hebrew and English.—D. DAVIDSON, 182 Stanton street, New York City.

82 Specimens of card engraving in great variety of styles.—J. N. GIMBREDE, *eng.* 8 Metropolitan Hotel, New York City.

83 Specimens of commercial and ornamental writing.—J. W. LUSK, Thassalon, Ohio.

84 Specimens of penmanship.—E. T. MARTIN, Worcester, Massachusetts.

85 Impressions on wax from engraved seals.—A. W. FRANCIS, *seal eng.* 315 Broadway, New York City.

86 Specimens of penmanship.—D. T. MARTIN, Springfield, Massachusetts.

87 Heraldic drawings, coats of arms, &c.—W. R. CLAPPERTON, 367 Sixth street, New York City.

88 Specimens of lithography and printing in colors.—DAVID CHILLAS, Liberty street, Philadelphia, Pennsylvania.

89 Designs for parks, public gardens, &c.—JULES LACHAUME, Yonkers, New York.

90 Specimens of stone and seal engraving.—THOMAS A. WILKINSON, 333 Broadway, New York City.

91 Landscape in crayon.—Miss L. B. WRIGHT, Springfield, Massachusetts.

92 Engravings of Washington, Clay, Calhoun, Webster, and Pierce.—R. A. BACCHIA & Co, *pub.* 23 Chambers street, New York City.

93 Three panels of mosaic work in wood.—CH. VOLKERT, 93 Elm street, New York City. [North gallery.]

94 William Walcott's design for a national monument to Washington, engraved on wood by Dunnell.—Mrs. H. S. DE GROVE, *prop.* New York City.

95 Landscape wrought in hair.—Mrs. S. W. ROWAN, 683 Broadway, New York City.

96 Specimen of print inlaying and mounting.—W. G. CAULFIELD, 123 Fourth Avenue, New York City.

97 Portrait of Gaspar Netscher.—S. L. LOEWENHERTZ, New York City.

98 Collection of designs and patterns drawn by pupils of the Philadelphia Academy of Design.—THOMAS P. JAMES, Philadelphia.

99 View of Fingal's Cave, after Nicolls, in water colors.—MARIE L. BELSHAW, *artist*, Brooklyn, New York.

100 Flowers in water colors.—Mrs. AGNES MCPHERSON, New York City.

101 Crystal Palace.—JAMES BOGARDUS, *des.* BOGARDUS & HOPPIN, iron founders, corn. Centre and Duane streets, New York City.

UNITED KINGDOM OF GREAT BRITAIN AND IRELAND.

CLASS 1.

[See note to this class in the United States, p. 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

DIVISION B. COURTS 16, 17, 22.

[The party to whose number in any class a star (*) is affixed, is represented in the Crystal Palace by Mr. E. Stainer.]

1* New inks for staining oak and mahogany, with specimens of the stained woods.—JAMES HAWTHORNE, *inv.* 78 Charrington street, London.

2 Specimens of antimony, red lead, Venetian red, &c.—W. J. COOKSON & Co., *manu.* Newcastle-upon-Tyne.

3 Preparation to protect grain from smut, and from the attacks of caterpillars.—DAVID CLARKE, chemist, *inv. and manu.* Bedfordshire, England.

4 Mineral colors, raw and manufactured, for oil paints and paper staining; mineral yellow, dream ochre, Indian red, vermillion, burnt umber, &c.—ELLAM, JONES & Co., *manu.* Markeaton Mills, Derby, England.

5 Dried preparations of British indigenous plants; fluid extracts of taraxacum and colchicum; green and black tea shrubs.—JAMES H. KENT, *prod.* Bury St. Edmunds, England.

6 Specimens of aloin and caffeine.—THOMAS & HENRY SMITH, 21 Duke street, Edinburgh, Scotland.

7 Specimens of Peruvian, cinchonine and quinidine barks; sulphates of quinine, cinchonine and quinidine; epsom salt; rochelle salt; phosphate of soda; sulphate of iron; citrie and tartaric acids; eitrates and tartrates of iron; calomel; corrosive sublimate; red precipitate; borax; bichromate of potash and soda.—HOWARDS & KENT, *manu.* Stratford, England.

8* A variety of chemical productions.—DINNEFORD & Co., *inv. and manu.* 172 New Bond street, London.

9 Calcined magnesia and carbonate of magnesia.—THOMAS JENNINGS, *manu.* Brown street, Cork, Ireland.

10 Bicarbonate of soda.—C. ALLHAUSEN & Co., Tyne Chemical Works, Gateshead, near Newcastle-upon-Tyne, England.

11 Large crystals of the sulphate of barytes.—JOHN COOPER, Jr., *manu.* Ashton, Cumberland, England.

12 Drugs and chemical productions.—LEA & PERRINS, *manu.* Worcester, England.

13 Crystals of sulphate of iron (copperas).—Trustees of the late J. BUCKLEY, *manu.* Manchester, England.

CLASS 3.

Substances employed as Food.

DIVISION B. COURTS 16 AND 17.

1* Gelatine pastes; gelatine lozenges and jujube pastes; isinglass, transparent and opaque.—GEORGE M. GLASS, *inv. and manu.* Brandon street, Walworth, near London.

2* Culinary articles. Fish, crystal, brilliant, and various other gelatines; British isinglass, loose and in wrappers.—W. DUFAVILLE, *manu.* Islington, London.

3 Gelatine in sheets, and cut in fancy styles.—JOSEPH MAINE, *manu.* 7 Union Court, London.

4 Specimens of Worcestershire sauce.—LEA & PERRINS, *manu.* Worcester, England.—*Agents*, JOHN DUNCAN & SONS, 407 Broadway, New York City.

5* Soluble cocoa, native and manufactured.—J. S. FRY & SONS, *manu.* Bristol, England.

6 Solidified milk.—V. B. FADEUILHE, *inv. pat. and manu.* 19 Newington Cross, Surrey, England.

7 Royal Osborne sauce, an exquisite condiment.—GEORGE PAYNE, *manu.* Cowes, Isle of Wight.

8 Mushroom spawn.—DANIEL GRACE, *pat. and manu.* Brighton, England.

9 Rich Somersetshire camp sauce.—HEARD & SON, *manu.* Fore street, Bridgewater, England.

10* Mustard, in the seed, crushed, and prepared for use.—THOMAS DEWAR, *manu.* Newcastle upon-Tyne, England.

11 Samples of pure mustard.—RICHARD BYCROFF, *manu.* Paradise Walsoken, near Wisbeck, Cambridgeshire, England.

12 Samples of farinaceous food.—DU BARRY & Co. *manu.* Regent street, London.—*Agent*, Dr. J. P. LITCHFIELD, 461 Broome street, New York City.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

DIVISION B. COURTS 16 & 17.

1 Specimens of oils.—JOHN & JAMES RATHBORNE, *manu.* 44 Essex street, Dublin.

2 Archil, cudbear and extract of indigo in the raw and manufactured states; silks and wool dyed with these preparations, with samples of the lichens, from which the archil colors are extracted; also, silks, worsteds, and skin of morocco leather dyed with archil.—BURTON & GARRAWAY, *manu.* Green street, Bethnal Green, London.

3 Raw silk.—C. HAYNES & HOGG, *prod.* Cleenbury, Little Brompton, Shrewsbury, England.

4 Specimens of English seeds and vegetable productions.—NOBLE, COOPER & BOLTON, 152 Fleet street, London.—*Agent*, W. B. FORSYTH, 165 Front street, New York City.

5 Samples of indigo, carmine, red archil, red cudbear, ground lac dye, turmeric, and lac dye in a crude state from Calcutta; sample of tests of chemical colors.—JOHN MARSHALL, *manu.* London and Leeds, England.

6 Glenfield patent starch, made from East-Indian sago.—ROBERT WOTHERSPOON, *manu.* Maxwilton, near Paisley, Scotland.

7 Samples of flax in its various states, and of the flax plant and seed.—FENTON, SON & Co., *manu.* Belfast, Ireland.—[With Fenton & Co.'s linen fabrics, Court 3.]

CLASS 5.

Machines for direct use, including Steam, Hydraulic and Pneumatic Engines, and Railway and other Carraiges.

DIVISION B. COURTS 25, 26, & 29.

1* Model of a railway turn-table, for reversing locomotives.—JOSEPH DUNN, *inv.* Rainton Colliery near Durham, England.

2* Snow-sweeping engine for railways and common roads.—THEODORE FAURE, *inv.* 2 Little Argyll street, London.

3 Miniature models of oscillating cylinder and beam engines, capable of being worked by atmospheric pressure in lieu of steam.—BENJAMIN WARNER, *inv.* 46 Rupert street, Haymarket, London.—*Agent,* P. ANDERSON, Stewart's store, Broadway. [In the South-east gallery.]

4 Railway signals.—JAMES STEVENS, *inv.* Darlington works, Southwark, England.

5. New brougham; new Irish jaunting car; colored drawing of a dress-coach, building for Her Majesty the Queen of Great Britain.—JOHN HUTTON & SONS, *manu.* Summerhill, Dublin.

CLASS 6.

Machinery and Tools for Manufacturing Purpcses.

DINISION B. COURTS 23, 24, 27 & 28.

1 Patent duplex lathe for sliding, screwing, and surfacing. Patent self-acting planing machine for iron work; patent general shaping machine; patent slotting and shaping machine; patent bolt and nut screwing machine, with 13 sets of die stops; patent guide stock for cutting screws; standard cylindrical gauges; patent street and road sweeping machine.—JOSEPH WHITWORTH & Co., *pat. and manu.* Manchester, England.

2 A side-lever improved lithographic press-registering machine for chromo or color printing.—SAMUEL STRAKER, *manu.* 80 Bishopsgate street, London.

3 Power and hand-loom shuttles.—WM. GIBSON & Co., *manu.* 18 E. Campbell street, Glasgow.

4* Spindles and flyers used in preparing, spinning, and doubling cotton, silk, worsted, woollen, and flax.—FRANCIS PRESTON, *manu.* Ardwick Spindle Works, Manchester, England.

5 Two frames, illustrating the art of weaving coach lace, with specimens of ancient and modern manufacture.—DART & SON, *manu.* 12 Bedford street, Covent Garden, London.

6 Machine for cutting out clothes.—H. J. & DONALD NICOLL, *prop.* Regent street, London.

7 Model of a bolting-mill for dressing flour, through patent bolting cloths, without seams.—WALTER BLACKMORE, *prop.* Wandsworth, England.

8 Patent slubbing frame, with patent collars, separating plates, disengaging and break motion, convex and concave cones. Patent roving frame, with

same improvements. Patent chuck for millwright and machine purposes. Patent vice for the same.—JOHN MASON, *inv. and manu.* Globe Works, Rochdale, near Manchester, England.

9 Paper-machine wires.—BRYAN, CORCORAN & Co., *manu.* Mark Lane, London.

10 Patent pulp strainer and frame.—H. WATSON, *manu.* High Bridge street, Newcastle-upon-Tyne, England.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

DIVISION B. COURT 6.

1 Suit of armor of the time of Henry VIII. (1530), with effigy complete.

2 Suit of armor of the time of Queen Elizabeth (1590), with effigy complete.

3 Suit of armor of the time of Elizabeth (1595), with effigy complete.

4 Suit of armor for a cavalier of the time of Charles I. (1630), with effigy complete.

5 Suit of armor for a pikeman of the time of Charles II. (1665), with effigy complete.

6 Miscellaneous collection of ancient and modern arms, armor, engines, and implements of war of various descriptions.

7 Ordnance map of England and Wales.

8 Ordnance map of Liverpool.

9 Ordnance map of Dublin.

10 Ordnance map of Wigtonshire.

11 Ordnance map of Lancashire.

[The foregoing numbers, from 1 to 11 inclusive, are contributions made by HER BRITANNIC MAJESTY'S BOARD OF ORDNANCE, from the TOWER OF LONDON. The effigies, from 1 to 4, are placed on brackets projecting from the galleries of the four Divisions of the Palace. No. 5, with part miscellaneous arms, will be found near the centre, in the East nave, the rest of the armor near the centre, in the South nave. The ordnance maps are hung in various courts of Division B.]

12 Iron life-boat, with buoyant expanding fenders.—EDMUND DENHAM, Jr., *inv.* 130 New Bond street, London.

13 Model of self-acting ship alarm whistle.—JOSEPH DUNN, *inv.* Rainton Colliery, New Durham, England.

14* Model of apparatus for improved ignition of cannon powder.—Col. PETER HAWKER, *inv.* Long Parish House, Hants, England.

15* Model of a British frigate, made by ROBERT URIE, journeyman painter, Greenock.—SAMUEL HOLBORN FYFE, 32 Clyde place, Bromielaw, Glasgow, Scotland.

16* Rifle to charge at breech.—JOHN GILBY, *inv.* Beverley, Yorkshire, England.

17 A case of percussion caps, not loaded.—RICHARD WALKER, *pat. and manu.* 69 and 70 Graham street, Birmingham, England.

18 Sporting ammunition, comprising wire cartridges, percussion caps, bulleted breech caps, metallic cartridges, concaved felt wadding, &c.—WILLIAM & CHARLES ELEY, *inv. and manu.* 38 Broad street, Golden square, London.—FRANCIS TOMES & SONS, *imp.* 6 Maiden lane, New York City.

19* Model of a patent slip at the Royal Navy Yard, Harwich; model of Her Majesty's ship "Mars," of 80 guns.—JOHN THOMPSON, *des.* Kent, England.

20 Percussion caps.—S. WALKER & Co., *manu.* Birmingham, England.

21 Two double guns.—J. MANTON & SON, *manu.* Piccadilly, London.

22 Guns, pistols, and powder flasks.—WESTLEY RICHARDS, *manu.* New Bond street, London.—*Agents*, F. TOMES & SONS, *imp.* 6 Maiden lane, New York City.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

DIVISION B. COURT 8.

1 Williams's patent prize medal iron harrow.
2 Sweeping machine, with adjustable revolving brushes.
3 Patent clod crusher.
4 Patent Archimedean root-washer.
5 Great medal Norwegian harrow.
6 Agricultural one horse cart.

[The foregoing numbers, from 1 to 6 inclusive, exhibited by WILLIAM CROSSKILL, *manu. and prop.* Beverly, near Hull, England.—*Agent*, E. CROSSKILL, 758 Broadway, New York City.

7* Improved sheep washing apparatus.—THOMAS BIGG. *inv. and manu.* Great Dover street, London.

8 Improved dredge for naturalists.—ROBERT BALL, LL.D., M.R.S.A., *inv.* Dublin.

9 Improved bolting-mill, with patent seamless bolting cloth.—BLACKMORE & Co., *pat. and manu.* Wandsworth, Surrey, England.

CLASS 10.

Philosophical Instruments, and Products Resulting from their use, including Horological and Surgical Instruments and Appliances.

SOUTH-EAST GALLERY.

1* Achromatic 52 inch astronomical telescope.—JAMES T. GODDARD, *manu.* Whitton, near Isleworth, Middlesex, England.

2 Miniature oscillating cylinder engine standing upon a silver fourpence, and miniature beam engine, both worked by atmospheric pressure in lieu of steam. Fine duplex and lever watch movements.—BENJ. J. WARNER, 46 Regent street, Haymarket, London.—*Agent*, P. ANDERSON, Stewart's store, Broadway, New York City.

3 Hydrometers and alkalimeter, illustrating the application of Ackland's dividing machine.—WILLIAM ACKLAND, *inv.* 93 Hatton Garden, London.

4 New anatomical microscopes, anemometer.—JOHN DAVIS, *manu.* Irongate, Derby, England.

5* Fine steel spectacles, eye-guards, &c.—JOHN ROWLEY, *manu.* Wolverhampton, England.

6 Patent self-adjusting and other surgical elastic stockings, &c.—LONGDON & TABBERER, *pat. and manu.* Derby, England.—*Agent*, ALFRED SELLERS, 248 Pearl street, New York City.

7 Stereoscopes, with improved meniscus lenses; telescopes; achromatic microscope; measures; spectacles; railway spectacles; lenses, &c.—JOSEPH SOLOMON, *manu.* 22 Red Lion square, London.

8 Astronomical clocks; eight-day clocks; chronometer watches, &c.—CHARLES FRODSHAM, *manu.* 84 Strand, London.

9 Gold chronometers; duplex levers, &c.—RICHARD F. COWDEROY, *manu.* 27 Charrington street, New Road, London.

10 Watches and chronometers.—E. D. JOHNSON, *manu.* 21 Ashley Crescent, City road, London.—*Agent,* WILLIAM BAKER, 45 Ann street, New York City.

11 Model of Croll's patent dry gas meter. [This meter of 3000 lights, measured all the gas consumed in the London Crystal Palace.]—THOMAS GLOVER, *pat. and manu,* Suffolk street, Clerkenwell, London. [East nave.]

12* Model of a bed for invalids.—THOMAS STURROCK, *inv.* Duke street, Leith, Scotland.

13* Maps, plans, and geographical illustrations.—AUGUSTUS PETERMAN, Charing Cross, London.

14 Pair of globes; new atlas, maps, &c.—HENRY GEORGE COLLINS, 22 Paternoster row, London.

15 Watches of gold and silver, made in Dublin.—JOHN DONEGAN, *manu.* Upper Ormond Quay, Dublin.

16 Photographic specimens of vaccine, produced by inoculating the cow with small-pox, showing the character of the vesicles in their different stages.—JOHN BADCOCK, *prod.* Brighton, England.

17 A block-map of Sicily.—JAMES WYLD, *geographer,* Leicester square, London.

18 Three safety lamps for coal miners; the Davy lamp, the George Stephenson lamp, and the Clanny lamp.—HENRY WATSON, *inv. and manu.* Newcastle-upon Tyne, England.

19 Surgical elastic appliances made without seam.—Dr. CHARLES VALLEISE, *manu.* 13 Marlborough row, London,

20 Compasses.—GRAY & KEEN, *manu.* Liverpool, England.

21 Geological maps.—HOLDEN, Dublin.

22 Maps of Ireland.—POWELL, Dublin.

CLASS 11.

Manufactures of Cotton.

DIVISION B. COURT 19.

1* Specimens of Wisbech sheetings, and of reel and ball sewing cotton.—WILLIAM DAWBARN, *manu.* Wisbech, Cambridgeshire, England.

2 Sewing cottons on spools and in skeins; cotton cords; cotton wools, in various stages of manufacture.—JONAS BROOK & BROTHERS, *manu.* Meltham Mills, Huddersfield, England.—*Agents,* SMITH & STRONG, New York City.

3 Jaconets, &c.—J. ROBERTSON & Co., 46 Tobago street, Glasgow, Scotland.

4 Sewing cotton, upon fancy wood and metallic reels.—JOHN CLARK, *manu.* Leicester, England.

5 White, black, and colored spool cotton.—JOHN CLARK, Jr. & Co., *manu.* Mile End, Glasgow, Scotland.

6 Samples of sewing cotton.—FRANCIS FORD, *manu.* Stanley street mill, Dale street, Manchester, England.

7 Cotton sewing threads.—THE BLACKHALL CO., *manu.* ROBERT RUSSELL, manager, Paisley, Scotland.—*Agents,* SMITH & GRAHAM, 4 Pine street, New York City.

8 Embroidered muslin robe: ginghams.—JAMES PAUL, *manu.* 23 Exchange square, Glasgow, Scotland.—*Agents,* F. FISHER & Co., New York City.

9 Sewing cotton on spools, and in skeins.—GODFREY ERMEN, *manu.* Manchester, England.

CLASS 12.

Manufactures of Wool.

DIVISION B. COURTS 2 & 7.

1 Richly printed and embossed table and piano-forte covers.—D. DEWAR, SON & SONS, *manu.* Kings' Arms Buildings, London.

2 Kersey checks, for horse clothing; summer and winter tweeds; woollen shawls; beavers; press bagging, and saddlers' serges.—WILLIAM BLISS, *manu.* Chipping Norton, Oxfordshire, England.

3 Whitney blankets, made from English wool.—EDWARD EARLY, *manu.* Whitney, Oxfordshire, England.

4 Shepherd plaids, tweeds, and travelling plaids.—GEORGE WILSON, *manu.* Hawick, Scotland.

5 Patent wool beavers, impervious to rain, but perfectly free for perspiration; elastic summer woollen goods: samples of woollen cloths in various stages of manufacture.—T. & W. CARR, *manu.* Twerton, near Bath, England.—*Imp.* F. DERBY & Co., 12 Park place, New York City.

6 Fancy cassimeres, cloths, and beavers.—BULL & WILSON, *des. and manu.* 52 St. Martin's Lane, London.

7 Scotch tweeds and fancy woollens.—J. & H. BROWN & Co., *manu.* Ettrick Mills, Selkirk, Scotland.—*Agent*, THOMAS PORTEOUS, 74 Beaver street, New York City.

8* Black cloths.—DAVID SYKES, Aire street mills, Leeds, Yorkshire, England.

9 Silk, cotton, and wool damasks, alpacas, dresses of alpaca and crape cloth.—CRAVEN & HARROP, *manu.* Bradford, Yorkshire, England.

10 Worsted yarns and piece goods.—HENRY PEASE & Co., *manu.* Darlington, Durham, England.—*Agents*, BABCOCK, MILNOR & Co., 45 Broadway, New York City.

11 Specimens of fine woollen cloths.—YORK & SHEEPSHANKS, *manu.* Leeds, England.

12 Various kinds of woollen yarns, wool exhibited in various stages of manufacture.—ALFRED BURGESS & Co., *manu.* Bath lane, Leicester, England.

CLASS 13.

Manufactures of Silk and Velvet.

DIVISION B. COURT 4.

1 Window valence, chintz hangers, and ornaments; fancy silk fringes, gimps, curtain cords, &c.—HAMILTON, HYDE & Co., 7 Finsbury Place South, London.

2* Specimens of plush for bonnets, cloaks, and trimmings.—S. WALTERS & SONS, *manu.* 15 Wilson street, London.

3 Fancy silk trimmings, braids, gimps, fringes, tassels, girdles, and sewing silk.—HALL & NICHOLS, 42 Noble street, London.

4 Imperial plush for hats, bonnets, &c., tips for hat linings, galloons, hat bands, &c.—BOOTH & PIKE, *manu.* 43 Oldham street, Manchester, England.

5 Silk brocade, brocatelle, and figured damask.—WM. GROSVENOR, *manu.* Kidderminster, England.

6 Rich figured silk fabrics, brocades, satins, &c.—J. HOULDSWORTH & Co., *des. and manu.* Portland street mills, Manchester, England.

7 Patterns of ribbons.—COVENTRY RIBBON MANUFACTORY, Coventry, England.

8 Variety of silk fabrics.—MILSON & CLARKE, *manu.* 36 Spring Garden, Manchester, England.—*Agent,* G. M. HEYWOOD, 34 Beaver street, New York City.

9 Black and colored crapes.—SAMUEL COURTAULD & Co., Carey lane, London.

10 Folded and rolled crapes, and gauzes in many varieties.—J. GROUT & Co., *manu.* Foster lane, London.

11 Rich figured silk fabrics, brocades, table covers, &c.—WM. BROWN, *manu.* Halifax, England.—*Agents,* T. DREW & Co., 149 Broadway, New York City.

CLASS 14.

Manufactures of Flax and Hemp.

DIVISION B. COURT 3.

1 White and colored linen threads; shoe threads.—WM. BARBOUR & SONS, *manu.* Hilden Flax Mills, Lesburn, Ireland.

2 Fine bleached linen; brown holland.—HENRY MURLAND.

3 Irish linen fabrics; damask table cloths; napkins; heavy linens; linen cambric handkerchiefs; fine grass bleached and other linen fabrics.—FENTON, SON & Co., *manu.* Belfast, Ireland.

4 Specimens of superior flax sail-cloth.—DAVID CORSON & SON, *manu.* Arbroath, Scotland.—*Agents,* CAMERON & BUTT, 16 Broad street, New York City.

5* Linen goods; sheeting, huckaback, crash, diaper, and other linens.—SCALES & HERBERT, *manu.* Newark-upon-Trent, and 9 Gresham street, London.

6 Table linen, sheetings, &c.—JAMES NORMAND, near Kircaldy, *manu.* Dysart, Scotland.

7* Linen damask toilet cover, containing the arms of the Queen of England.—CAPPER, SON & Co. *inv. and manu.* 99 Grace-church street, London.

8 Russias, creas, sheetings, croquillas, drillings, brown osnaburgs, paddings, and other linen fabrics.—JOHN ADAMSON, *manu.* Dundee, Scotland.—*Agents,* EDWARDS & SMALL, 49 Broadway, New York City.

9 Linen cambric handkerchiefs; linen thread; Flemish flax dressed; Scotch flax.—ALEX. FLETCHER & Co., *manu.* Glasgow, Scotland.

10 Family and fronting linens and linen shirtings.—DUNBAR, DICKSONS & Co., *manu.* Gilford, Ireland.

11 Damask linen table-cloths.—D. DEWAR, SON & SONS, King's Arms Buildings, London.

12 Fine linen fabrics.—WILLIAM GIHON & SONS, *manu.* Ballymena, Ireland.

13 Irish linens; single and double damask table-cloths, napkins, handkerchiefs, &c.—J. N. RICHARDSON, SONS & OWDEN, *manu.* Belfast, Ireland.

14 Irish linen fabrics.—JOHN S. FERGUSON & Co., *manu.* Belfast, Ireland.

15 Specimens of linen thread; shoe and netting threads; unfinished threads and flax.—W. B. HOLDSWORTH & Co., *manu.* Leeds, England.—*Agents,* STRONG & SMITH, New York City.

16 Linen nettings.—HUGH SAMSON & Co. *manu.* Hill Banks, Dundee, Scotland.

17 Fine linens; shirtings; sail cloth; all qualities of yarn.—A. & D. EDWARDS & Co. *manu.* Dundee, Scotland.

18* Shoemakers' and saddlers' threads.—ULLATHORNES & LONGSTAFFS, *manu.* 12 Gate street, London, and at Durham, England.

19 Sail-cloth.—PETER GAVIN & SON, *manu.* Leith Ropery, Leith, Scotland.

20 Linen sewing threads for tailors' use, netting purposes, and lace manufacture; linen yarn for manufacturing purposes.—DUNBAR, MCMASTER & Co. *manu.* Gilford, Ireland.

21 Thread and twine for fishing nets.—MALCOLM C. THOMPSON, *manu.* Glasgow, Scotland.

22 Specimens of Irish linen shirting.—Manufactured by BENNETT & ADAMS, Ballydevitt, Coleraine, Ireland.—Exhibited by C. W. & J. T. MOORE & Co, 57 Broadway, New York City.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, &c.

DIVISION B. COURTS 2 & 7.

1 Figured barege dresses and corded and brocaded poplins.—MIDDLETON & ANSWORTH, *manu.* London and Norwich, England.

2 Piano felt cloth of all descriptions; doeskin; felt hats.—RICHARD JONES & Co., *manu.* Wandle Felt Mills, Surrey, and 27 Bedfordbury, London.

3 Single and double poplins, watered and gold double poplins, corded poplins, Scotch plaid poplins, figured and antique poplins, fancy poplin vestings, white tissue brocade, glacée, silks of various mixed shades.—PIM, BROTHERS & Co., *des. and manu.* Dublin, Ireland.

4* Fancy long woollen shawls.—JOHN & ADAM DOBSON, *manu.* Innerleithen, Scotland.

5 Jacquard and embroidered shawls, table covers, gloves, mitts, &c.—ALFRED SAXTON, *manu.* Nottingham, England.

6* Printed square and long shawls.—ABERCROMBIE & YUILL, *manu.* 11 Forbes place, Paisley, Scotland.

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

EAST GALLERY.

1* Riding saddle on an improved principle.—CHARLES MAIBEN, *inv.* Lewisham, Kent, England.

2* Lady's saddle, hunting saddle, race saddle, harness pad, &c.—ROBT. BLYTH, *manu.* 4 Park row, Piccadilly, London.

3 Morocco leathers; dyed sheep and lamb skins for rugs and mats.—JOHN S. DEED, *manu.* Little Newport street, London.—*Agents*, EDWARDS & SMALL, 149 Broadway, New York City.

4 Wax bust with lady's head-dress, wig, transparent scalp, showing shades of hair dye.—A. HEWLETT, 5 Burlington Arcade, London.

5 Shoes, slippers, galoshes, gaiters, patent leather boas, muffs, and rugs of Angola, sheep, and lamb skins.—CYRUS & JAMES CLARK, *manu.* Glastonbury, Somersetshire, England.

6* Riding and driving whips, and walking canes.—SWAINE & ADENEY, *manu.* 185 Piccadilly, London.

7 Hunting saddles, very light.—WILLIAM LENNAN, *manu.* 29 Dawson street, Dublin, Ireland.

8* Waxed calfskins, saddler's basils.—THOMAS PELLING & Co., *manu.* 54 Jamaica street, Glasgow, Scotland.

9* Curried calfskins.—JOHN PELLING & SONS, *manu.* Manchester, England.

11 Chamois leather, glue, &c.—BAYLEY & SHAW, *manu.* Lenton, near Nottingham, England.—*Agents*, A. L. DENNIS & Co., 26 Park row, New York City.

12 Feathers and hair.—BLYTH, SON & COOPER, 4 Chiswell street, London.—*Agents*, DUNCAN & SON, 407 Broadway, New York City.

13 Specimens of leather, mats, rugs, &c.—BEVINGTON & MORRIS, *manu.* 67 King William street, London.—*Agents*, JOHNSON, BROTHER & TOWNSEND, 39 Pine street, Ne[illegible]

CLASS 17.

Paper and Stationery, Types, Printing, and Bookbinding.

DIVISION B. COURT 7.

1* Assorted drawing pencils.—BROOKMAN & LANGDON, *manu.* 28 Great Regent street, London.

2 Specimens of sealing wax.—HYDE & Co., *manu.* Fleet street, London.

3 Collection of elegantly bound books, embracing Bohn's Standard Library, in 81 vols.; the Illustrated Library, in 21 vols.; the Classical Library, in 41 vols.; the Scientific Library, in 25 vols.; the Antiquarian Library, in 19 vols. and 4 Extra volumes. Also, splendid editions, in folio, of Selby's British Ornithology, 2 vols.; Galerie du Palais Pitti (at Rome), 4 vols.; Silvestre's Univ. Palæology, in 2 vols., besides a variety of other standard and valuable books.—HENRY GEORGE BOHN, *pub.* York street, Covent Garden, London.—*Agents*, BANGS, BROTHER & Co., Park Row, New York City.

4* "Scotland Delineated," richly bound.—ROBERT SETON, 7 North Bank street, Edinburgh.

5* Specimens of books and plates.—EDWARD LUMLEY, 126 High Holborn, London.

6 Gold, silver, and colored foils, and fancy papers for bookbinding; gilt and enamelled screen handles, &c.—JAMES & RICHARD NEWBERRY, *manu.* 2 and 3 Hemlock Court, Carey street, London.

7* Bank note, cheque, and water-marked writing papers, in variety.—THOMAS H. SAUNDERS, *manu.* Queenhithe and Dartford, Kent, England.

8 Specimens of paper, cream laid and blue laid post; bank post, demy, medium, &c.—A. COWAN & SONS, *pat.* Edinburgh, 25 Thames street, London.

9* Plain and ornamental envelopes and wafers.—GEORGE POLLARD, *manu.* 64 Watling street, London.

10 Specimens of new and fancy types, Greek and Oriental characters, &c.—VINCENT & JAMES FIGGINS, *manu.* 17 and 18 West street, Smithfield, London.

11 Specimens of bookbinding.—JOHN W. RUDD, 49 Southampton Row, London.

12 Specimens of playing cards.—CHARLES GOODALL & SONS, *manu.* 12 Great College street, Camden Town, London.

13 Specimens of impressions from their printing types.—STEPHENSON, BLAKE & Co., *manu.* Sheffield, England.

14 Specimens of printing with Scottish printing ink.—A. B. FLEMING & Co., *manu.* Leith, Scotland.

15 Ornamental penmanship.—ANDREW ENGLISH, Dublin.

16 Specimens of playing cards; wedding and visiting cards; letter and note papers; envelopes of all descriptions; drawing and fancy papers; iridescent films for purposes of decoration; music, drawing, and sketch books and albums; writing desks and cases; portfolios, and a general assortment of stationery.—THOMAS DE LA RUE & Co. *manu.* London.—*Agent*, PIERCE SUPPLE, Metropolitan Hotel, New York City.

17 Drawing, writing, and printing paper.—THOMAS & JOHN HOLLINGWORTH, *manu.* Turkey Mills, Maidstone, Kent.—*Agent*, PIERCE SUPPLE, Metropolitan Hotel, New York City.

18 Circular time-table, or revolving calendar and calculator.—THOMAS DUNN, *inv. and manu.* Glasgow, Scotland.

19 Embossed books, music, maps, geometrical figures, with chess board and games for the use of the blind.—LONDON SOCIETY FOR TEACHING THE BLIND TO READ, Avenue road, Regent's Park, London.

20 Specimens of a new work on industrial art, by "Luke Limner."—D. BOGUE, *pub.* London.

21 Original works, 3 vols. and a pamphlet.—JOHN LINDSAY, Maryville, Blackrock, Cork.

22 Assortment of plain and ornamental note papers, envelopes, inkstands, and other articles of stationery.—R. BAINBRIDGE & Co. *manu.* London, and *imp.* 47 Cliff street, New York City.

24 Cloth for bookbinding.—JAMES LEONARD WILSON, *manu.* 128 St. John street, London.—*Agent*, H. GRIFFIN, 114 Nassau street, New York City.

25 Metallic pens and pen-holders, in great variety of patterns.—JOSEPH GILLOTT, *inv. and manu.* Victoria Works, Sheffield.

26 Specimens of bookbinders' cloths, of various colors.—JOHN HOUGHTON & Co., Chiswell street, London.—*Agent*, EDWARDS & SMALL, 49 Broadway, New York City.

27 Original work on languages, in two volumes.—CLAUD MARCEL (French consul), Cork.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

DIVISION B. COURT 4.

1 Specimens of turkey red dyeing and printing upon cotton fabrics.—WM. STIRLING & SONS, *manu.* Glasgow, Scotland.—*Agents*, FANSHAW, MILLIKEN & TOWNSEND, 35 Pine street, New York City.

2 Turkey red cambric and furniture prints.—A. O. EWING & Co., *manu.* Glasgow, Scotland.—*Agents*, STURGIS, SHAW & Co., New York.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Work.

SOUTH-EAST GALLERY.

1* Worked Berlin wool reading cushion.—Miss CAROLINE A. WORRELL, *des.* 36 Dafford street, Bath, England.

2* Specimens of embroidered muslin and cambric, embroidered trimmings, insertions, &c.—D. & J. MCDONALD & Co., *manu.* Glasgow, Scotland.

3 Cotton lace, netting, and embroideries.—ALFRED SAXTON, *manu.* Hollow Stone, Nottingham, England.

4 Cocoa-nut fibre matting and mats.—BEVINGTON & MORRIS, *manu.* 67 King William street, London.—*Agents*, JOHNSON, BROTHER & TOWNSEND, 39 Pine street, New York City.

5 Patent sash, blind, lamp, and picture lines.—JAMES AUSTIN, *manu.* 8 and 9 Princes street, London.

6* Mohair, alpaca, and other braids.—AMIES, BROADBENT & Co., *manu.* Manchester, England.

7 Specimens of coach lace and trimmings.—WILLIAM HARDING & Co., 68 Long Acre, London.

8 Sewed book-muslin collar capes, caps, frock-bodies, &c.—JOHN HOLDEN & Co., *des. and manu.* Belfast, Ireland.—*Agents*, MARTIN, TURPIN & Co., 44 Dey street, New York City.

9 Embroidered screen.—MADAME DILL, *manu.* 23 Charlotte street, Dublin.

10 Tapestry carpets; velvet portière.—HENDERSON & WIDNELL, *manu.* Lasswade, near Edinburgh, Scotland.—*Agent,* J. WIDNELL, 103 Maiden lane, New York City.

11 View of Giants' Causeway, in needlework.—Mrs. ANNE WARD, *des. and maker,* Coleraine, Ireland.

12 Doileys, edged or embroidered, with views in Ireland.—THE COUNTESS OF CLANCARTY and LADY ANNE BUTLER, Garhally, Ballinasloe, Ireland.

14 Richly embroidered vest patterns.—JOHN HAYWARD & Co., 35 St. Martin's lane, London.

15 Carpeting and matting.—DAVID THOMPSON, *manu.* Perth Road, Dundee, Scotland.

16 Vestments, embroidery, flowers in lace, &c.—SISTERS OF MERCY, Kinsale, county Cork, Ireland.

17 Berlin wool work.—Miss MARGARET CLEARY, Richmond street, Clonmel, Ireland.

18 Patterns of machine-wrought black silk and other laces, and muslin trimmings.—L. C. BARNETT & SON, *manu.* St. Mary's Gate, Nottingham, England.

19 Fancy lace and muslins.—LYDE, WATCHAM & Co., 121 Wood street, Cheapside, London.

20 Specimens of crochet pearl tatting and guipure lace; design—rose, shamrock, and thistle; collars, berthes, chemisettes, sleeves, and coiffures of same material.—Mrs. MANLY, *des. and maker,* Blackrock, Cork, Ireland.—[These fabrics may be obtained of A. T. STEWART & Co., New York City.]

21 Imitation Brussels point lace.—JOHN ROLPH, Stoney street, Nottingham, England.—*Agents,* MOLYNEUX & BELL, New York.

22 Irish embroidered muslins and lace.—JOHN HIGGINS & Co., *manu.* Dublin.

23* Pillow lace; ladies' bonnet materials, of horse hair.—GEORGE LONG, *inv. and manu.* Loudwater, Bucks, England.

24 Embroidered portrait of Washington in worsted and silk; embroidered picture of Queen Esther before Ahasuerus.—[These works were wrought by the exhibitor in Dublin.]—MARIA LOUISA BELSHAW, Bedford Avenue, Brooklyn, New York.

25 Lace royal sash guipure; appliqué; Limerick lace dresses, flouncing, &c.—JAMES FORREST & SONS, *manu.* 101 Grafton street, Dublin.—*Agent,* W. K. CLARE (HALL, BROTHERS), 180 Broadway, New York City;

26 Lace scarf of fine unbleached linen thread, containing nearly three and a half millions of stitches, and weighing less than 6 oz.—Miss JANE ADAMS, *maker,* Strabane, Ireland.

27 Berlin wool tapestry picture of Her Majesty, the Queen of Great Britain.—Mrs. JAMES WILLIAMS, 4 Homeville, Dublin.

28 Wilton or pile carpets, Brussels and Venetian carpets.—HENDERSON & Co., *manu.* Durham.—*Agents,* JOHNSON, BROTHER & TOWNSEND, 39 Pine street, New York City.

29 Crochet work, embroidery.—INDUSTRIAL POOR SCHOOL OF URSULINE CONVENT.—Blackrock, near Cork, Ireland.

30 Rich specimens of lace goods.—[imported by] A. T. STEWART & Co., Broadway, New York City.

31 Honiton lace flounce.—[imported by] J. R. JAFFRAY, 73 Broadway, New York City.

32 Velvet pile carpets and rugs.—[imported by] WM. & THOS. LEWIS, 452 Pearl street, New York City.

33 Limerick lace—shaded, flounce, shawl, &c.—LAMBERT & BURY, *des. & manu.* Limerick, Ireland.

34 A lecture on housekeeping, in needle work.—M. MARIAN NEVILLE, Dublin.

35 Portrait of the Queen, in Berlin wools.—Mrs. WILLIAMS, Dublin.

CLASS 20.

Wearing Apparel.

SOUTH-EAST GALLERY.

1* Satin dress waistcoat.—JACKSON, BROTHERS, 46 Castle street, Liverpool, England.

2 Improved water-proof button ankle and Blucher boots.—JAMES CREAK, *inv. and manu.* Church terrace, Wisbech, England.

3* Stays.—Miss HONORA KENNEDY, *manu.* Clonmel, Ireland.

4 Gloves in varieties.—FOWNES, BROTHERS, *manu.* 41 Cheapside, London.—*Agents*, JOHNSON, BROTHERS & TOWNSEND, 39 Pine street, New York City.

5 Life buoy vest.—GEORGE MCDONA, *inv. and maker*, 32 Molesworth street, London.

6 Gloves, hosiery, &c.—JOHNSON, BROTHER & TOWNSEND, *manu.* Manchester, England, and 39 Pine street, New York City.

7 Cotton and woollen hosiery, gloves, &c.—SISTERS OF MERCY, Kinsale, County Cork, Ireland.

8 Pair of stockings, knitted by Mrs. BEGG, of Ayr, Scotland (the sister of the poet Burns), at the age of 82.

9 Specimens of Balbryggan hosiery.—SMYTH & Co., *manu.* Dublin.

CLASS 21.

Cutlery and Edge Tools.

DIVISION B. COURT 6.

1 Sportsman's knife of large size with blades embossed with views of various cities and other objects, the handle of richly carved mother of pearl.—JOSEPH RODGERS & SONS, *manu.* Sheffield, England.—*Agent*, S. CROOK, 28 Cliff street, New York City.

2 Variety of fine knives and razors.—GEORGE WOSTENHOLM & SONS, *manu.* Sheffield, England.—*Agents*, F. TOMES & SONS, New York City.

3 Several varieties of razors.—JOSEPH ELLIOT, *manu.* 4 Hollis Croft, Sheffield.—*Agent*, JNO. MOULSON, JR. 102 John street, New York City.

4 Table knives; mounted in ivory richly carved; dessert knives; carvers game carvers, edge tools, joiner's tools, fine razors, pocket knives, scissors, and various other articles.—WM. HARGREAVES & Co. *manu.* Sheffield, England.

5 Joiners' tools.—WILLIAM MARPLES, *manu.* Sheffield, England.—*Agent*, H. DICKINSON, 21 Platt street, New York City.

6 Axes, adzes, chisels, drawing-knives, &c.—THOMAS TURTON & SONS, *manu* Sheaf Works, Sheffield, England.

7 Cutlery of various sorts.—JOHN SELLERS, *manu.* Sheffield, England.—*Agent*, ALFRED SELLERS, 248 Pearl street, New York City.

8 Various specimens of cutlery.—T. TURNER & Co. *manu.* Suffolk Works, Sheffield, England.

10 Edge tools; engravers', joiners', gunsmiths', carvers' and other light tools, &c.—JAMES HOWARTH, *manu.* 124 Fitzwilliam street, Sheffield.—*Agent*, ALFRED SELLERS, 248 Pearl street, New York City.

12 Steel saws, razors, daggers, pocket-knives, chisels, bits, and other edge tools.—WM. JACKSON & Co. *manu.* Sheaf Island Works, Sheffield, England.

14 Samples of fine pocket cutlery.—GEO. BUTLER & Co. *manu.* Trinity Works, Sheffield, England.

15 Saws, files, edge tools, &c.—RICHARD GROVES & SONS, *manu.* Sheffield, England.—*Agent,* CHARLES CONGREVE, 38 Maiden lane, New York City.

17 Razors.—CHARLES THOMAS BINGHAM, *manu.* Tally Ho Works, Sheffield, England.

18 Table cutlery, fine razors, carvers, pocket-cutlery, chisels, saws, adzes, shears, scissors, and bits.—MARSH, BROTHERS, & Co. *manu.* Pond Works, Sheffield, England.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

DIVISION B. COURTS 14, 15, & 21.

1 Patent conical railway buffer springs, with fittings for locomotive engines and for various styles of railway carriages, wagons, &c.; conical buffer spring on a block, with model buffers affixed to show the principle of its operation; specimens of files for machinists, &c.—JOHN BROWN, *pat. and manu.* Atlas Steel Works, Sheffield, England.

2 Pins, needles, fish hooks, hooks and eyes, &c.—KIRBY, BEARD & Co, *manu.* Cannon street, London.

3 Improved steel wire for musical instruments.—WM. SMITH & Co., *manu.* near Birmingham, England.

4 Patent solid box vice; patent stamped anvil.—PETER WRIGHT, *pat. and manu.* Dudley, Warwickshire, England.

5 Machine ruled steel plates for engravers.—JOHN SELLERS, *manu.* Sheffield, England.

6* Needles in the various stages of manufacture; needle eyes punched in human hair.—SHRIMPTON & HOOPER, *manu.* 12 King square, London.

7* Enamelled cast iron hollow ware, cast butt hinges, &c.—THOMAS & CHARLES CLARK & Co. *manu.* Wolverhampton, England.

8* Patent iron tubes and fittings.—JOHN RUSSELL & Co. *manu.* 69 Upper Thames street, London.

9 Japanned tea-trays; waiters; baths; tin ware, household articles and kitchen ware.—SHOOLBRED, LOVERIDGE & SHOOLBRED, *manu.* Merridale Works, Wolverhampton, England.—*Agent,* JAMES N. LAWTON, 25 Kilby street, Boston, and 71 John street, New York City.

10 Wrought iron.—WALTER WILLIAMS, *manu.* Staffordshire, England.

11 Files and rasps of all descriptions. Bar iron.—THOMAS TURTEN & SONS, *manu.* Sheaf Works, Sheffield, England.

12 Stamped ornaments for lamps, chandeliers, &c.; six-light chandelier, body, and arms: lamps, &c.—JOSEPH HILL, *manu.* Broad street, Birmingham, England.

13 Awls, bodkins, brads, &c., of various kinds.—WILLIAM BAKER, *manu.* 14 Allen street, London.

14* Great Western prize medal cooking apparatus, and a gas cooking stove.—FRANCIS WAKEFIELD, *des. and manu.* Sherwood Iron Works, Mansfield, Nottinghamshire, England.

15 Specimens of iron in all the stages of its manufacture.—LOW MOOR IRON COMPANY, Yorkshire, England.—*Agent,* W. B. LANG, 24 Broadway, New York City.

16 General cabinet brass foundry, comprising cornices, curtain bands, hinges, fastenings, escutcheons, bell-pulls, knockers, door springs, castors, &c., &c.—SIMMOX, PEMBERTON & SONS, *manu.* Birmingham.—*Agent,* ALEX. FIELDER, 16 Platt street, New York City.

17* Cooking stove and furniture for emigrants.—BRADSHAW & SANSOM, *manu.* Mansfield, Notts, England.

18 Iron rods, axles, pins, &c.—GEORGE HOPPER, *manu.* Houghton le Spring Iron Works, Durham, England.

19 Cast steel saw plates.—WM. JESSOP & SONS, *manu.* Sheffield, England.—Agency at 91 John street, New York City.

20 Gutta percha skates and joiners' tools.—PARKER & THOMPSON, *manu.* 20 Rockingham street, Sheffield.

21 Files and rasps in various stages of manufacture; model for locomotive engine; car springs; dray springs; wagon springs, &c.—MARRIOTT & ATKINSON, *manu.* Fitzalan works, Sheffield, England.

22 Needles of all descriptions; fish-hooks.—JOHN RIMMER & SON, *manu.* Alcester, Warwickshire, England.

23 Plated belts, stirrups, and spurs.—HILL BROTHERS & Co., *manu.* Walsall, England.—*Agent*, C. VANDERVOORT, 48 Cliff street, New York City.

24 Lap-welded boiler tubes; elbows and fittings.—JAMES RUSSELL & SONS, *manu.* Wednesbury, Staffordshire, England.

25 Stilettoes; crochet needles, button hooks, tweezers, nail files, corkscrews, boat hooks, &c.—THOMAS HARDY, *manu.* 7 Moore street, Sheffield, England.

26 Cast steel files, and manufactured steel, for engineers and machinists.—JOWITT & BATTIE, *manu.* Saville Works, Sheffield, England.—*Agents*, W. CARR, 33 Dey street, New York City.

28* Lap-welded iron tubes for steam boilers and for hydraulic presses.—GEO. B. LLOYD, Jr., *manu.* Berkeley street. Birmingham, England.

29* Patent roasting apparatus, with self-acting baster and heat reflector.—Miss ANNIE REMINGTON, *inv.* 138 Sloane street, Chelsea, London.

30 Domestic utensils.—JOHN ROBERTS, *manu.* Kent, England.

32 Iron rails.—BOLCKOW & VAUGHAN, *manu.* Middlebro' on Tees, Yorkshire, England.

33 Bronze figures, gas chandeliers, candelabra, &c.—JOSEPH & JOHN COX, Wolverhampton, England, and New York City.

34 Galvanized tinned iron for gutters, pipes, telegraph wire, &c.—MOREWOOD & ROGERS, *inv. and manu.* Upper Thames street, London.

35 Improved wrought and cast iron, and iron alloys.—JOHN DAVIE MORRIS STERLING, *pat.* Larches Camphill, near Birmingham, England.

36 Various sizes of coil and stud ships' chains; also, wrought iron stud chain, as adopted by the Sub-marine Committee at Liverpool.—WM. CHANCE, SON & Co., *prop.* Birmingham, England.

37 Needles, fish-hooks, and fishing tackle. Specimens of "gold-eyed groovelet needles."—HENRY MILWARD & SON, *manu.* Washford Mills, Redditch, England.—*Agents*, WRIGHT & HOLGATE, 62 William street, New York City.

38 Patent lamps, japanned box, and kitchen utensils.—JAMES THORNTON & SON, Birmingham, England.

39 Drawing-room, dining-room, and other register grates; fender and fire-irons.—HOOLE, ROBLON & HOOLE, *manu.* Green Lane works, Sheffield, England.

40 Saddlery, hardware, bitts, stirrups, &c.—JAMES MARLOW, *manu.* Walsall, Staffordshire, England.

CLASS 23.

Works in Precious Metals, and their Imitations; Jewelry, and other Personal Ornaments; Bronzes and Articles of Vertu generally.

SOUTH GALLERY.

1* Jewelry in malachite and silver.—AARON, BROTHERS, *manu.* Torquay, Devon, England.

2* Specimens of fine metal chasing and embossing.—JOHN PENNY, 37 Union street, London.

3* Shaksperian shield, illustrating the "Seven Ages;" also, specimens of a work of industrial art.—JOHN LEIGHTON, ("Luke Limner,") *artist,* 8 Lidlington place, London.

5 Samples of gold pens.—W. E. WILEY & Co., *manu.* 34 Great Hampton street, Birmingham, England.

6 Electro-plated candelabra, tazzas, vases, table ware, &c.; electro-deposited figures from the antique.—ELKINGTON, MASON & Co., *pat. and manu.* 22 Regent street, London, and Birmingham.

7 Sacrament service, antique chalices; and specimen of ancient binding in silver.—FRANCIS & FRANCIS SKIDMORE, *des. and manu.* Coventry, England.

8 Variety of ancient Tara brooches, of Irish pearls, and native gold of Wicklow.—G. & S. WATERHOUSE, *manu.* 25 Dame street, Dublin.

9 Silver and electro-plated goods, candelabra, dessert service, &c.—SMITH, NICHOLSON & Co., *manu.* 12 Duke street, London.

10 Candelabra, groups, ewers, tankards, salvers, and other silver goods. Models of the great Koh-i-noor diamond both in its original and present form as re-cut by the exhibitors.—R. & S. GARRARD & Co., Jewellers by appointment to the Crown, and silversmiths in ordinary to the Queen, Panton street, Haymarket, London.

11 Groups, tea and coffee sets, tankards, vases, dishes, cups, spoons, &c., in gold and silver plate.—JOSEPH ANGELL, *manu.* 10 Strand, London.

12 Hair bouquets, ornamented with pearls.—AUGUSTUS HERMANN, *des. and manu.* 4 Oxendon street, London.

13 Silver plated candelabra, table ware, tea-pots, &c.—JOHN COX & Co., London, and 349 Broadway, New York City.

14 Silver cups, and table centre-piece.—THOMAS SHARP, *manu.* London.

15 Plated candelabra, and table ware.—J. & C. BERRIAN, *imp.* 601 Broadway, New York City.

16 The Swiney prize cup in silver, to be awarded to the author of the best essay on jurisprudence, that shall appear by the 1st of January, 1854. The cup is valued at £100, and is to contain the sum of £100 in gold, by the will of the late Dr. SWINEY.—SOCIETY OF ARTS, London.

17 Specimens of gold watches.—JOHN DONEGAN, *manu.* Dublin.

CLASS 24.

Glass Manufactures.

SOUTH GALLERY.

1 Window glass ornamented by machinery.—WM. HENRY JAMES, *inv. and des.* 37 High street, Camden Town, England.

2 Enamel-painted windows, with original style of chromo-crystal decorations.—SAMUEL K. BLAND, *des. and manu.* 15 Lisson Grove, London.

3 Stained glass window; subject, "The Angel Delivering Saint Peter out of Prison," after Rubens.—JAMES FREWIN, 28 Dorchester place, London.

4 Specimens of glass bottles of various kinds, with patent stoppers; glass insulators for electric telegraphs, &c.—EDGAR BREFFIT, *manu.* Yorkshire, England.

5 Stained glass windows, and imitation inlaid marble in glass plate.—WM. HOLLAND, *manu.* St. John's, Warwick, England.

6 Elegant cut glass chandeliers, of various styles.—APSLEY, PELLATT & Co., *manu.* 58 and 59 Baker street, London.

7 Watch-glasses in their various stages of manufacture.—ROSS, O'CONNER & Co., *manu.* Dublin,

CLASS 25.

Porcelain and other Ceramic Manufactures.

SOUTH GALLERY.

1 Porcelain dinner, tea, and dessert service; dessert service, similar to one made for Queen Victoria; statuettes, groups, and various articles in Parian clay.—HERBERT, MINTON & Co., *manu.* Stoke-upon-Trent, Staffordshire, England.

2 Porcelain embossed dinner and dessert services; epergnes, vases, &c.; groups in Parian, and porcelain articles.—JOHN ROSE & Co., *manu.* Coalbrook Dale, Shropshire, England.—*Agent,* C. C. LEIGH, 232 Bleecker street, New York City.

3 English porcelain table, tea, and coffee services; lawn and greenhouse fountains, drab-stone pottery; hollow bricks, &c.—JOHN RIDGWAY & Co., *manu.* Cauldon place, Newcastle-upon-Tyne, England.—*Agent,* H. WINKLEY, 76 Pearl street, New York City.

4 Table-ware, toilet, and dessert ware; garden and rustic seats; slabs for fireplaces; Parian vases and jugs, &c.—T. J. & J. MAYER, *manu.* Longport, Staffordshire, England.

5 Iron stone porcelain articles for spinners and weavers.—WM. & THOMAS WATKINS, *manu.* 131 Bridge street, Bradford, England.

6 Works in porcelain; statuary after Foley and others; with a large collection of vases, tazzas, plateaus, trays, and table ware, &c., &c.—Ald. W. T. COPELAND, 160 New Bond street, London.—*Agent,* C. C. LEIGH, 232 Bleecker street, New York City.

7 Breakfast and tea sets in fine china, plain and ornamental.—SAMPSON, BRIDGEWOOD & SON, *manu.* Longton, Staffordshire, England.—*Agents,* BURGESS, DALE & GODDARD, 90 Pearl street, New York City.

8 Painted bisquet ware; white and painted granite ware, &c.—LIVESLEY, POWELL & Co., *manu.* Hanley Potteries, Staffordshire, England.—*Agents,* BURGESS, DALE & GODDARD, 90 Pearl street, New York City.

9 Porcelain baths and wash-tubs; porcelain tile bath; glazed bricks and slabs. —JOHN FINCH, *manu.* City Road Basin, London.

10 Earthenware; china ware; Parian figures.—W. ADAMS & SONS, *manu.* Stoke-upon-Trent, Staffordshire, England.

11 Terra-cotta vases, stoneware pots, pipes, &c.—FERGUSON, MILLER & Co., *manu.* Hatfield, near Glasgow, Scotland.

12 Bricks; patent gas ovens; glasshouse pot-clay, made from Stourbridge fire-clay.—KING & Co. *manu.* Stourbridge, Worcestershire, England.

13 Busts, vases, pedestals, retorts, fancy chimney tops, &c., made of fire-clay. —GARNKIRK COAL Co. (MARK & THOS. SPROT). *manu.* near Glasgow, Scotland.—*Agents*, MILLER, COATES & YOULE, 279 Pearl street, New York City.

14 Fire-clay retort; drain tubes; fire bricks.—JOSEPH CLIFF, *manu.* Wortley, near Leeds, Yorkshire, England.

15 Gas retorts and vase in fire-clay.—ADDISON POTTER, *manu.* Wellington Quay, near Newcastle-upon-Tyne, England.

16 Vitrified stone ware.—PETER HAMMILL, *manu.* Liverpool.—*Agent*, JAMES P. HAMMILL, 12 Old slip, New York City.

17 Patent water and drain pipes; ridge and coping tiles; flooring and drain bricks, and roofing tiles.—JOHN BAPTISTE HAMMILL, *manu.* Bridgewater, near London.—*Agent*, JAMES HAMMILL, 12 Old slip, New York City.

18 Large stone vase; patent water filters; terra-cotta vases, &c.—DOULTON & WATTS, *manu.* Lambeth and Liverpool potteries.

19 Vases, groups of flowers, statuettes, and busts in Parian and porcelain, Doric-Mosaic vases, &c.—T. & R. BOOTE, *manu.* Burslem, Staffordshire, England. —*Agents*, BURGESS, DALE & GODDARD, 90 Pearl street, New York City.

20 Porcelain plates, dishes, pitchers, basins, bowls, &c., in various styles of painting and gilding.—THOMAS DIMMICK, Jr., & Co., *manu.* Shelton, England.—*Agents*, BURGESS, DALE & GODDARD, New York City.

21 Busts, statuettes, and tablets in bisquet ware.—W. M. WILLIAMS, *manu.* Surrey, England.

22 Fruit dishes, plates, and other articles.—F. & R. PRATT & Co., Fenton, England.—*Agents*, BURGESS, DALE & GODDARD, 90 Pearl street, New York City.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper-Hangings, and Japanned Goods.

DIVISION B. COURT 12.

1 Elaborate specimen of interior decoration, in the style of François I.; cabinet and console table and mirror in burnished and mat gold; sofa table, centre tables, screens, jardinières, and tripod stand.—MORANT & BOYD, *des. and manu.* London.

2 Lady's work-table.—ALEXANDER WM. ROWLAND, *manu.* 20 Hatton Garden, London.

3 Walnut wood fire screens.—JEREMIAH FOX, *manu.* New Conduit street, Lynn, Norfolk, England.

4 French paper hangings, curtains, &c.—SOLOMON & HART, *des. and manu.* London, and 243 Broadway, New York.

5 Specimens of papier-maché; fine japanned ware.—SHOOLBRED, LOVERIDGE & SHOOLBRED, *manu.* Wolverhampton, England.—*Agent*, JAMES N. LAWTON, 71 John street, New York City.

6 Iron bog-yew Devonport writing-desk, in the renaissance style.—ARTHUR JONES & Co., *des.* 135 Stephen's Green, Dublin, Ireland.

7 Large mirror in richly and elaborately carved wood frame. Church reading desk, and other specimens of richly-carved wood work.—W. G. ROGERS, 10 Carlisle street, Soho, London.

8 Carved altar piece.—JOHN E. CAREW, *des. and sculp.* 40 Cambridge street, Hyde Park, London.

9 "The shamrock table," comprising thirteen varieties of rare Irish timber; drawing of the "gladiatorial table," exhibited in the London Crystal Palace, 1851.—JOHN FLETCHER, *des. and maker*, Patrick street, Cork, Ireland.

10 Paper hangings, in imitation of cloth and velvet.—ARCHIBALD WINTERBOTTOM, *manu.* Manchester, England.

11 Paper-hangings and cut blocks for printing wall papers.—WILLIAM HOWLETT, *manu.* Fenchurch street, London.

12 Tables, chairs, trays, inkstands, and other articles in papier-maché.—JENNENS & BETTRIDGE, *manu.* 3 Halkin street, West Belgrave Square, London.

13 Ornamental papier-maché tables, trays, work-boxes, cabinets, japanned goods, &c., &c.—ISHERWOOD SUTCLIFFE, *manu.* 27 Great Hampton street, Birmingham, England.—*Agents*, EDWARDS & SMALL, 49 Broadway, New York City.

14 Decorated papier-maché table, with a view of "Oxford;" views of Oxford buildings, &c.—SPIERS & SON, *des. and manu.* Oxford, England.

15 A decorated cabinet of zebra wood and gold, with enamelled panels, richly carved.—HENRY & ARTHUR ARROWSMITH, *des. and manu.* 80 New Bond street, Westminster, England.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, &c., for Construction and Decoration.

DIVISION B. COURT 10.

1 Encaustic and other tiles for floors and walls; tablets for names of streets, &c.—HERBERT MINTON & Co., *manu.* Stoke-upon-Trent, England.—*Agent*, MILLER COATES, 279 Pearl street, New York City.

2 Framed writing slates, from the Bangor slate quarries, North Wales; roofing slates, slate pencils, Welsh hones, &c.—WM. DAWBARN & Co., *manu.* Prince's Basin, Liverpool.

3 Tables and boxes in imitation marble; set of chess-men.—THOMAS LOVE, *inv. & manu.* 2 Little Britain, London.

4 Black marble inlaid table, vases, cups, ornaments, &c.—JOHN TOMBLINSON, *manu.* Ashford, Bakewell, Derbyshire, England.

5 Tables, tazzas, vases, &c., composed of, or inlaid with marbles and fluor spar from Derbyshire.—JOHN VALLANCE, *manu.* Matlock, Derbyshire, England.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven, felted, or otherwise specified.

SOUTH GALLERY.

1* Tunbridge ware; inlaid chess table, containing 200,000 pieces of natural colored woods; writing desk, with 80,000 pieces; work-box, with 100,000 pieces; inlaid tea caddy; knitting box, &c. &c.—HENRY HOLLAMBY, *manu.* Tunbridge Wells, Kent, England.

2 Specimens of the fibre of the cocoa-nut husk, in various stages of preparation; also matting and netting.—WILDEY & Co., *pat. and manu.* Blackfriars Road, London.

3 Various samples of floor mattings and door mats, made of cocoa-nut fibre.—THOMAS TRELOAR, *manu.* 42 Ludgate Hill, London.

4 Various kinds of brushes.—JOSEPH WOODMAN, *manu.* Newhall Hill, Birmingham.—*Agents,* EDWARDS & SMALL, 49 Broadway, New York City.

6 Truck basket.—RICHARD CHITTENDEN, Buxhill, Sussex, England.

7 Many varieties of inlaid and mosaic Tunbridge ware.—GEORGE WISE & Co., *manu.* Tunbridge Town, Kent, England.

8 Cocoa-nut fibre and horse-hair fabrics.—HENRY KOLLE & SON, *manu.* Southampton Mews, London.

9 Specimens of wood carving.—MISS GERTRUDE WRIGHT, Moneymore, County Derry, Ireland.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

SOUTH-EAST GALLERY.

1* Fishing rods and tackle; bows, arrows, and archery implements, richly carved.—AINGE & ALDRED, *manu.* 126 Oxford street, London.

2 Hair bouquet ornamented with pearl.—AUGUSTUS HERRMAN, *des. and manu.* 4 Oxendon street, London.

3 Silk parasols and umbrellas of improved style.—WILLIAM & J. SANGSTER, *pat. and manu.* 140 Regent street, London.—*Agents,* F. DERBY & Co., 12 Park place, New York City.

4 Honey toilet and other fancy soaps.—FREDERICK S. CLEAVER, *inv. and manu.* Holborn, London.

5 A carved cane for the Mayor of New York.—JAMES PETTS, *des. and maker,* Essex, England.

6 Fountain of perfumed toilet vinegar; scented winter bouquets, perfumery, and soaps.—EUGENE RIMMEL, *manu.* 39 Gerrard street, Soho, London.

7 Case of preserved Irish game birds.—ELIZABETH GLENNON, 3 Suffolk street, Dublin.

8 Specimens of perfumery.—A. ROWLAND & SONS, *manu.* 20 Hatton Garden, London.

9 Irish bog oak; Killarney wood; marble and horse-hair ornaments.—CORNELIUS GOGGAN, *des. and manu.* 13 Nassau street, Dublin.

10 Improved foot warmer.—JOHN WATSON, *manu.* 18 Dow street, Jersey, England.

11 Comfits and lozenges made by steam.—GRAHAM, LEMON & Co. *manu.* Dublin.

12 Three cases of preserved flowers, two arranged botanically and one ornamentally.—WILLIAM STEVENS, *des. and prop.* Tottenham Road, London.—*Agent.* —— FRENCH, 9 Gold street, New York City.

19* Ladies' fancy work and bridal baskets.—JAMES WORRELL, *inv. and manu.* 36 Dafford street, Bath, England.

21 Hard, soft, and toilet soaps; Naples shaving tablets and medical soaps.—DAVID & WILLIAM GIBBS, *inv. and manu.* City Soap Works, London.

23 Hair brushes in ivory, satin and rosewood; embossed Windsor and fancy soaps; perfumery.—ROBERT LOW, SON & BENBOW, *manu.* 330 Strand, London.

24 Soaps and perfumery.—TAYLOR & SON, *manu.* King's Road, Chelsea, London.

27* Specimens of wax flowers.—Miss MARGARET HARRISON, *manu.* 19 Bromley street, Commercial Road, London.

28 Irish clay pipes.—CHARLES BROWN, *manu.* 37 College Green, Dublin.

29 Grotto made of Irish sea-weeds and shells, and ornaments of sea weed.—Miss ANN DAY, Dublin.

CLASS 30.

Musical Instruments.

DIVISION B. COURT 13.

1 Three pianofortes, a patent horizontal grand, in black walnut case, with rosewood carvings in the Elizabethan style; a patent compact square, in the Louis Quatorze style, and a cottage piano in walnut wood.—WM. STODART & SON, *manu.* 1 Golden Square, London.

2 Patent double-action harp in bird's-eye maple and gold.—JOHN BRAY, *manu.* 26 Westmoreland street, Dublin.

3 Concertinas.—JOSEPH SCATES, *manu.* 26 College Green, Dublin.

CLASS 31.

Fine Arts, Sculpture, Paintings, and Engravings.

[For the chief paintings, see Catalogue of the Picture Gallery.]

1 Colossal equestrian statue of Washington, in plaster.—THE BARON MAROCHETTI, *sculp.* London. [Centre.]

SOUTH NAVE.

2 Cupid, in marble.—ERNEST BANDEL, *sculp.* London.

3 Statue, in plaster, of Venus.—GIACOMO NANNETTI, *sculp.* Dublin.

4 Cast, in plaster, of Sabrina (from Milton's Comus).—W. CALDER MARSHALL, *sculp.* Eaton Square, London.

5 A "Tambourina," plaster, from the design of Marshall.—ART-UNION OF LONDON.

6 Virgin and Child—statue, in plaster.—GIACOMO NANNETTI, *sculp.* Dublin.

7 "The Emigrant"—statue, in plaster.—JOHN LAWLOR, *sculp.* London.

8 "Diana robing"—statue, in plaster.—GIACOMO NANNETTI, *sculp.* Dublin.

9 "The Hunter reposing"—statue, in plaster.—JAMES T. FARRELL, *sculp.* Dublin.

EAST NAVE.

9 Statue of Daniel Webster, in plaster.—CAREW, *sculp.* London.

10 "Charity"—group, in marble.—ERNEST BANDEL, *sculp.* Regent's Park, London.

12 Group, in plaster—subject from Dante.—ALEX. MUNROE, *sculp.* 5 Upper Belgrave Place, London.

13 Ptolemy Lagus, nourished by an eagle, in plaster.—WM. L. JONES, *sculp.* London.

IN THE COURTS.

14 Colossal bust, in plaster, of Cardinal Wiseman.

15 Bust of Daniel O'Connell.

16 Bust, in plaster, of Sir Robert Peel.

17 Bust of Louis Napoleon.

18 Bust of the late George Stevenson, C. E.

19 Bust of James Wallack.

20 Bust of the Rev. Peter Daley, of Galway.

[The numbers from 14 to 20 inclusive, are contributed by J. E. JONES, *sculp.* London.]

21 Olivia raising the Veil (from the "Twelfth Night," by Shakspeare).—JOSEPH R. KIRK, *sculp.* Dublin.

22 "The Light of the Harem"—model, in plaster.—Miss ELLEN SHENTON, *sculp.* Kentish Town, London.

23 Marble bust of Daniel O'Connell.—JOHN HOGAN, *sculp.* Dublin.

24 Marble bust of Rev. Theobald Mathew.—JOHN HOGAN, *sculp.* Dublin.

25 Bust of Jenny Lind, in marble.—JOSEPH DURHAM, F. S. A., *sculp.* Bedford Square, London.

26 "The first whisper of Love," from the design of W. Calder Marshall.—ART-UNION OF LONDON.

27 Bust of Viscount Palmerston, in marble.

28 Portrait bust of a boy.

29 Statue, in marble, of David returning thanks for his victory over Goliah.

30 Model, in wax, of Wellington's Entry into Madrid.

31 "Eve seeing her shadow in the water"—model, in plaster.

32 Design for a clock case, in plaster—subject, "Time watching the evolutions of day and night."

[The numbers, from 27 to 32 inclusive, are contributed by THOMAS SHARP, *sculp.* London.

33 Cast of the skull of Robert Bruce.—ALEX. CARTER, Royal Dublin Soc., Dublin.

34 Statuette of Wm. Dargan, Esq., the munificent patron of the Dublin Exhibition of 1853.—J. E. JONES, *sculp.* London.—SAMUEL MARSHALL, *exhib. and agent* for United States.

35 Bust of Daniel O'Connell, in marble.

36 Bust of Francis Danby, in marble.

37 Bust of Theobald Matthew, in marble.

38 Bust of Thomas Moore, in plaster.

[Numbers 35 to 38 inclusive, are exhibited by CHRISTOPHER MOORE, *sculp.* London.]

39 "The First-born"—model, in plaster.—FRANCIS E. DONNELL [a deaf mute], *sculp.* Dublin.

40 Group, in marble—"Ruth and Naomi."—JOSEPH R. KIRK, *sculp.* Dublin.

41 Model, in plaster, of a Lion.—E. HARDING RYAN, *sculp.* Dublin.

42 Model, in plaster, of "The Triumph of Alexander."—E. HARDING RYAN, *sculp.* Dublin.

43 Various specimens of oil-color prints.—GEO. BAXTER, *pat. and pub.* London.—*Agent*, DAVID DAVIDSON, New York City.

44 Fine steel engravings of the "Crucifixion," and "An English merry-making in the olden time."—ART-UNION, *pub.* London.

45 Heads of Cæsar and Nimrod, in crayon.—ROBERT R. BELSHAW, of Dublin [now of Brooklyn, New York].

46 Autograph proof-print of the portrait of the Rev. Robert Newton, D.D.—HENRY CALVERT, Manchester, England.

47 The Puff of Smoke, picture in oils.—Miss CAROLINE SMITH, *artist*, Dublin.

48 The Gossips—a sketch from life—painted in oils.—Miss CAROLINE SMITH, *artist*, Dublin.

49 Lion's head, painted in oils.—O. C. GRANT, Salisbury, England.

50 Raising of the Daughter of Jairus, in oils.—WILLIAM DENBY, *artist*, London.

51 Saint Catharine, painted in oils.—WM. DENBY, *artist*, London.

52 Venus and Mercury instructing Cupid; copy, in water colors, from the famous picture by Correggio.—Miss H. MOORE, *artist*, London.

53 Drawing-room in the house of the poet Rogers, in water colors.—Miss HARRIET MOORE, *artist*, London.

54 Specimens of penmanship.—O. C. GRANT, Salisbury, England.

55 Two portfolios of water-color drawings.—Mrs. DAVID HANBURY, Ipswich, England.

56 Fine wood carvings.—Miss GERTRUDE WRIGHT, Dublin.

57 Landscape—Irish ruins—cut in paper.—Miss MARIA J. BRUNETTE, Waterford, Ireland.

58 Educational series of diagrams.—DEPARTMENT OF PRACTICAL ART, London.

59 Series of fourteen views of the present excavations at Pompeii.—WILLIAM PARROTT, London.

60 Drawings in chromo-lithography of the famous bell of St. Patrick.—W. WARD & Co., Dublin.

61 Groves of Blarney, in water-colors.—Mrs. W. G. BRADFORD, *artist*, Cork, Ireland.

62 Oil painting, emblematic of the four Provinces of Ireland.—L. K. BRADFORD, *artist*, Dublin.

63 Celtic ornaments, in water-colors.—B. J. O'HIGGINS, Limerick, Ireland.

64 The Bells of Shandon and Exile of Erin—specimens of penmanship and illumination.—ANDREW ENGLISH, *artist*, Dublin.

65 Views of the Dublin and Cork Exhibitions.—SAMUEL MARSHALL, *exhib.*

THE ZOLLVEREIN AND GERMANY.

The marks affixed to various numbers indicate the name of the agents or representatives of the exhibitors in the United States. They are as follows:—

* A. SEIFFERT, 32 Maiden lane, New York City.

† THOMAS EDWARD & H. W. SMALL, 49 Broadway, New York City.

‡ KNAUTH, NACHOD & KUHNE, 169 Broadway, New York City.

§ EDWARD STAINER, New York City.

‖ SUSSMAN & LYON, 21 Nassau street, New York City.

CLASS 1.

[See note to this Class in United States, p. 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

DIVISION C. COURT 17.

1§ Bromine, nitrate of baryta and strontia, nitrobenzole, and other chemical productions.—DR. L. C. MARQUART, *prod.* Bonn, on the Rhine.

2 Samples of arsenic.—WILHELM GUTTLER, *manu.* Reichenstein, Prussia.

3 Samples of salt.—SALT WORKS OF BERCHTESGADEN, Bavaria.

4 Essential oils.—SPAHN & SCHIMMEL, *manu.* Leipsic, Saxony.

5§ Oxychloride of tin, orseille, and chemical preparations for printers and dyers.—KRIMMELBEIN & BREDT, *manu.* Barmen, Rhenish Prussia.

6 Potassium, sodium, phosphoric acid, cadmuim, and other pure chemicals.—O. HERMANN, *manu.* Schœnebeck.—*Agents*, HASKELL, MERRICK & BULL, 10 Gold street.

7 Specimens of bronze colors.—LEO HÆNLE, *manu.* Munich, Bavaria.

8 Samples of ultramarine colors.—WOLFF & Co., *manu.* Schweinfurt, Bavaria.

9 Specimens of ultramarine colors.—HEINRICH GADEMAN, *manu.* Schweinfurt, Bavaria.

10 Ultramarine colors.—M. KOHNSTAM'S WIDOW, Niederweren, Bavaria.

11 Specimens of ultramarine and mineral colors; mahogany dyes; various ochres and chromes; lakes of all colors; ivory black, &c.—PUSCHER, BROTHERS, *manu.* Nuremberg, Bavaria.

12 Specimens of ultramarines and Paris blue; red and yellow prussiate of potash.—J. N. ADAM, *manu.* Rennweg, near Nuremberg, Bavaria.

13 Complete series of German mineral, vegetable and animal substances, used for chemical, pharmaceutical and manufacturing purposes.—GEHE & Co., *manu.* Dresden, Saxony.

14 Bronze colors.—GEORGE BENDA, Fürth, Bavaria.

15 Specimens of ultramarine.—WILHELM BUCHNER, *manu.* Darmstadt, Hesse-Darmstadt.

16 Bronze colors and powders.—J. BRANDIES, Jr., *prod.* Fürth, Bavaria.

17 Samples of white lead and superfine colors.—C. W. VOIGT, *manu.* Thuringen, Saxony.—*Agents*, STRASBURGER & NUHN, 65 Maiden lane, New York City.

18‡ Essential oils.—TREPTE & FERKO, *manu.* Leipsic, Saxony.

19 Variety of colors.—CARL A. KIESER, *prod.* Langeweisen, Thuringen, Saxony.

20 Specimens of German silver.—GEITNER & Co., *manu.* Schneeberg, Saxony.

22 Nickel; ultramarine; blue colors; smalt, wash-blue, &c.—ELECTORAL HESSE SMALT WORKS, *manu.* Schwarzenfeldt, Hesse-Cassel.

23 Ultramarine, exhibited for color and cheapness.—BREUNINGER & SON, *manu.* Kirchheim, Würtemburg.

24 Samples of ultramarine.—JULIUS CURTIUS, *prod.* Duisburg, Rhenish-Prussia.—*Agents*, CYRUS W. FIELD & Co., Cliff street, New York City.

25 Samples of a variety of colors.—GEORGE H. HABICH, *prod.* Cassel, Hesse-Cassel.

26 Specimens of ultramarine.—CHARLES ADAM FRIES, *prod.* Heidelberg, Baden.

27 Samples of colors on porcelain.—GEITNER & Co., *manu.* Schneeberg, Saxony.

28* Rectified cognac oil, manufactured out of common gin, or thinned spirits.—CARL WISSENBACH, *manu.* Frankfort-on-the-Maine.

29 Ethereal oil; chemical productions.—LAMPE & KAUFMAN, *prod.* Berlin, Prussia.—*Agents*, KOOP, FISCHER & Co., New York City.

30 Specimens of zaffre and fine azure-blue smalt.—HORSTMANN & Co., *manu.* Horst-on-the-Ruhr, Prussia.—*Agents*, VICTOR & ACHELIS, 50 Broad street, New York City.

31* Specimens of refined sulphur, cast in figures and rolls.—Dr. CLEMM LENNIG, *manu.* Wohlgelegen, near Manheim, Baden.

32 Specimens of alkaloids.—E. MERCK, *manu.* Darmstadt, Hesse-Darmstadt.—*Agents*, HASKELL, MERRICK & BULL, 10 Gold street, New York City.

33 Chemical products.—MINING WORKS, Bodeumais, Bavaria.

CLASS 3.

Substances Employed as Food, &c.

DIVISION C. COURT 17.

1 Samples of tobacco, snuffs, and segars.—A. F. CARSTANJEN, Jr., *manu.* Duisburg, Rhenish Prussia.

2 Samples of snuff.—E. RUPPRECHT, *manu.* Mittelwalde, Baden.

3 Samples of snuff.—GOTZENLEUCHER, SIMEONS & Co., *manu.* Offenbach-on-the-Maine.—*Agents*, LEWIS REITZER & Co., 60 Beaver street, New York City.

4 Specimens of flour.

5§ Samples of chicory.—FRED. ENGELHARDT, *manu.* Resselsheim, Hesse.

6* Samples of rappee and other snuffs.—BERNARD, BROTHERS, *manu.* Offenbach-on-the-Maine.

7 Several varieties of segars.—BESTELMEYER, BROTHERS, *manu.* Nuremberg, Bavaria.

8 Specimen of German and Bohemian hops.—SCHROEDER & SANDFORT, *prod.* Mentz, Hesse.

9 Specimens of segars.—DAVID SEELIG, *manu.* Düsseldorf, Prussia.

10* Specimens of succory.—J. A. SALOMAN & Co., *prod.* Brunswick.—*Agents*, VOIGT & MILLINGTON, New York City.

11 Samples of hops.—MAYER DINKEL, *prod.* Mannheim, Baden.

12 Segars of various descriptions.—REQUARD, *manu.* Bremen, North Germany.

13 Preserved vegetables, poultry, fish, fruits and milk.—D. H. CARSTENS, *manu.* Lubeck, North Germany.

14 Specimens of snuffs and tobacco.—CARL GRAFF, *manu.* Bingen, Hesse-Darmstadt.

15 Samples of chicory; starch from fine wheat.—CHARLES S. SEELIGER, *manu.* Wolfenbüttel, Brunswick.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

DIVISION C. COURT 8.

1§ Refined oil, obtained from bones and other animal substances, capable of resisting intense degrees of cold.—CARL ROEMER, *manu.* Brühl, Baden.

2 Samples of pine oil (oleum pini sylvestris).—C. G. FABIAN, *manu.* Breslau.

3 Samples of wheat starch for dressing fine linen and cotton goods.—P. J. SCHRAMM, *manu.* Neuss-on-Rhine.

4* Specimens of fine vegetable oil, for watches.—L. F. SCHRAMM, *manu.* Dessau, Baden.

5 Samples of Saxony wool.—FLEITMAN & WEDDIGEN, *imp.* 133 William street, New York City.

6 Samples of Saxony wool from shearlings.—HENRY SCHUTZE, *prod.* Schweta, near Oschatz, Saxony.

7 Carmine, carmine lac, and lazur colors, for colored paper and paper-hangings.—HEINRICH SIEGLE, *manu.* Stuttgart.

8 Indigo, carmine, &c.—ROBERT KNOSP, *manu.* Stuttgart.

9 Specimens of flax dressed and undressed.

10 Samples of merino fleeces.—COUNSELLOR ELSNER, *prod.* Breslau, Prussia.

CLASS 5.

Machines for Direct Use, including Steam, Hydraulic, and Pneumatic Engines, and Railway and other Carriages.

DIVISION C. COURT 9.

1 Models of two machines for deepening rivers; horizontal windmill; storm anchor protector.—PAUL NUMMEL KRUESS, *inv. and manu.* Hamburg, North Germany.

2 Machines to remove soot and dust from the narrow Russian chimneys.—H. REICKBORN, *manu.* Leipsic, Saxony.

CLASS 6.

Machinery and Tools for Manufacturing Purposes.

DIVISION C. COURT 9.

1 Machine for casting type, with instruments for two sizes of letters.—F. A BROCKHAUS, *prop.* Leipsic, Saxony.

2* Mill-stones.—J. XAVIER MICHIELS, *manu.* Andernach, Rhenish Prussia.

3 Specimens of weavers' reeds of different qualities.—LEO. THUM, *manu.* Annaberg, Saxony.

CLASS 7.

Civil Engineering, Architectural, and Building Contrivances.

DIVISION C. COURTS 11 AND 17.

1 Zinc model of the council house in Posen.—CARL BITTERLICH, Breslau-on-the-Oder, Prussia.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

DIVISION C. COURTS 11 AND 17.

1 Pistols, double-barrelled gun and rifle in cases.—C. D. TANNER & SON, *manu.* Hanover, North Germany.

2 Sabres, scimetars, daggers, &c.—F. J. LAUER, *manu.* Solingen, Rhenish Prussia.—*Agents,* LEWIS RITZ & Co., New York City.

3† Double-barrelled percussion gun upon a new principle.—E. T. THUERIGEN, *pat. and manu.* Meissen, Bavaria.

4† Hunting percussion caps, KLEMM & FOERSTNER, *manu.* Ulm, Würtemburg.

5 Rifle gun, with barrel of German cast steel, complete.—G. &. W. PISTOR, *manu.* Schmalkalden, Hesse-Cassel.—*Agent,* F. A. HEMMER, New York City.

6† Rifles of new style; pistols.—C. P. CRAUSE, *manu.* Hersberg-in-the-Harz.

7† Rifle-gun with rose-damasked barrels.—J. V. FUNK & SONS, *manu.* Suhl, Prussia.

8 Needle guns and waterproof percussion cups.—DREYSE & COLLENBUSCH, *manu.* Sömmerda, Prussian Saxony.—*Agent,* F. MEISSNER, 169 Front street, New York City.

9 Damascined swords.—EICKHORN (widow) & SON, *manu.* Solingen, Prussia.—*Agents,* WALSCHEID & WECKSBECKER, New York City.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

DIVISION C. COURT 9.

1 Spades and other agricultural implements.—P. LUDWIG SCHEIDT, *manu.* Elberfeld, Prussia.

2§ Scythes, straw cutters, &c.—JACOB KADE, *manu.* Achern, Baden.

3 Patent drill plough, or universal seed-sowing machine.—CAPT. E. KAEMMERER, *inv.* Bromberg, Baden.—*Agents*, RIDNER, THIEL & Co. 24 New street, New York City.

CLASS 10.

Philosophical Instruments, and Products, Resulting from their Use, including Horological and Surgical Instruments and Appliances.

SOUTH-WEST GALLERY.

1* Dr. Flaussen's planimeter for measuring surfaces; microscope.—HERMAN AUSFELD, *manu.* Gotha, Saxe-Gotha.

2 Air pump; chemical chests; polarizing apparatus for saccharine fluids; Kipps' sulphuretted hydrogen apparatus; chemical lamps and mathematical instruments.—J F. LUHME & Co., *manu.* Berlin, Prussia.—*Agent*, H. GOBELER, New York.

3§ Mathematical and chemical instruments.—JULIUS H. SCHMIDT, *manu.* Halle on the Saale, Prussia.

4* Chemical apparatus for analytical purposes.—A. RUDEL, *manu.* Halle on the Saale, Prussia.

5*Optical instruments.—EMIL BUSCH, *manu.* Rathenow, Prussia.

6 Black-lead crucibles.—J. SCHLOSSER, *manu.* Ratingen.

7 Spectacles and eye-glasses.—RIEDEL, *manu.* Nuremberg, Bavaria.

8 Air gun.—J. H. EGBERTS, *manu.* Bremen.

9 Scales.—BRAUN, *manu.* Nuremberg, Bavaria.

10 Scales.—G. H. SICHLER, *manu.* Nuremberg, Bavaria.

11 Terrestrial globes.—J. P. SALZIGER, Nuremberg, Bavaria.

12 Scales.—W. KORNLEIN, *manu.* Nuremberg, Bavaria.

13 Eye-glasses.—J. G. LANDGRAF, *manu.* Nuremberg, Bavaria.

14* Black crucibles for melting gold, silver, steel, &c.—L. KAPELLER & SON, *manu.* Hafnerzell, near Passau, Bavaria.

15 Syringes of various descriptions.—S. GUNDERMAN, *manu.* Nuremberg, Bavaria.

16 Press for extracting the juices of herbs and medicinal plants.—BLUMENTHAL, *manu.* Darmstadt, Hesse-Darmstadt.

17 Specimens of mathematical instruments.—PROBSTER, *manu.* Nuremberg, Bavaria.

18 Mathematical instruments.—FERD. SCHADE, *manu.* Breslau, Prussia.

19 Chemical lamps, balances, &c.—J. A. POKORNY, *manu.* Berlin.

20 Scales of various kinds and capacities.—SIGMUND WEHEFRITZ, *manu.* Nuremberg, Bavaria.

21 Mathematical instruments.—KISSKALT, *manu.* Nuremberg, Bavaria.

22 Glass chemical apparatus.—F. F. GREINER, *manu.* Stulzerbach, near Ilmenau.

23 Eight-day clocks.—GUSTAV BECKER, *manu.* Freiburg, Baden.

24 Gold calendar, showing day of month; eight and fourteen-day clocks and alarms.—C. A. FRIEDRICH, *manu.* Breslau, Prussia.

25‡ Tellurians, or season machines.—GUSTAV GRIMM, *manu.* Koestritz, Prussia.

26‡ A variety of surgical instruments.—MORITZ WUNSCHE, *manu.* Leipsic, Saxony.

27 Meissen porcelain pharmaceutical apparatus.—GEHE & Co., *manu.* Dresden, Saxony.

28 Spectacles, optical glasses, &c.—P. G. KALB, Jr., Nuremberg.

29 Heavy scales and decimal balances.—AUG. BROEMEL, *manu.* Arnstadt, Schwartzburg-Sondershaussen.

30 Chronometer.—MENKE, *manu.* Bremen, North Germany.

31 Mathematical instruments.—F. NIETSCHMANN, Halle on the Saale, Prussia.

32 Chemical and physical apparatus.—ED. GRESSLER, *manu.* Erfurt, Prussian Saxony.—*Agents*, KOOP, FISCHER & Co., New York City.

33 Levelling and mathematical instruments; alarum watch machine.—PAUL SPINDLER, *manu.* Stuttgard, Würtemberg.—*Agent*, CHARLES KOCH, 15 North William street, New York City.

34 Mathematical instruments.—FRED. W. BREITHAUPT & SON, *manu.* Cassel, Hessen.

35 Collection of thermometers.—HOLZSCHUHER BROTHERS, *manu.* Schleiz, Prussia.

36 Observatory apparatus for seeking stars; relief globes.—DIETRICH REIMER, *manu.* Berlin.—*Agent*, B. WESTERMANN & Co., New York.

37 Map of America.—J. BADEKER, *pub.* Iserlohn.

CLASS 11.

Manufactures of Cotton.

DIVISION C. COURT 9.

1 Ginghams and doileys.—VON KULMER & MINNEI, *manu.* Arnstadt, Schwarzschonburg-Sondershausen.

2 Checkered ginghams.—C. W. SCHUFFNER, *manu* Chemnitz, Saxony.—*Agents*, SCHUFFNER & MÖLDNER, New York City.

3‡ Cotton quilting, hosiery, and gloves.—OELSNER & RAHLENBECK, Hohenstein, near Chemnitz, Saxony.

4 Furniture cottons.—DANNEBERG & SON, *manu.* Eilenberg, Prussia.

5‡ Tapes, and other cotton trimmings; suspenders, ribbons, tapes, and laces.—J. G. SCHÖNE, *manu.* Dresden, Saxony.

6 Cotton fabrics.—KOCHLIN & SON, *manu.* Loerach, Baden.—*Agents*, J. H. ZUMSTEIN, New York City.

7 Printed cotton fabrics.—BECKER & SCHRAPS, *manu.* Chemnitz, Saxony

8 Cotton plushes of various colors.—NEUMANN, *manu.* Elberfeld.

CLASS 12.

Manufactures of Wool.

DIVISION C. COURT 2.

2 Specimens of black cloths.—E. P. SCHLIEF, *manu.* Gube, near Berlin, Prussia.—*Agents*, COTTENET & Co.

3 Black cloths.—G. A. HABERLAND, *manu.* Finsterwalde, Brandenberg, Prussia.

4 Superfine thin black cloths; olive, blue, and bronze cloths.—F. T. MEISSNER, *manu.* Grossenhayn, Saxony.

5‡ Fancy coatings and buntings.—A. F. MUELLER, *manu.* Mühlhausen, Prussian Saxony.

7 Black cloths, exhibited for beauty and cheapness.—SAMUEL SCHLIEF, *manu.* Guben, near Berlin, Prussia.

8† Various colored thibets, mousselines de laine, and other worsted fabrics.—EDW. BROESEL, *manu.* Greiz, Reuss.

9† Comb-wool stuffs, cashmere, mousselines de laine, drap d'eté and cuir-de laine.—MORAND & Co., *manu.* Gera, Reuss.

10 Buckskins and printed table covers.—SCHWEDLER & SON, *manu.* Leipsic, Saxony.—*Agents*, SCHUFFNER & Co.

13 Buckskins.—LIPPOLD & SON, *manu.* Crimmitzchau, Saxony.

14 Buckskins.—WALDEMAR DOERING, *manu.* Crimmitzchau, Saxony.

15‖ Fine worsted fabrics, all worsted, and mixed goods; Lama, with thread naps.—STRAUSS & LOESCHNER, *manu.* Glauchau, Saxony.

16§ Fine cloths of various colors.—BUSSE, BROTHERS, *manu.* Potsdam, near Berlin, Prussia.—*Agent*, L. STEIN, 96 Liberty street, New York City.

17† Fine broadcloths.—FERD. FIEDLERS, Jr., *manu.* Oederan, Saxony.

18† Fine buckskin cloths.—KUNZEL & BIRKNER, *manu.* Crimmitzchau, Saxony.

19† Black thibet cloth; cashmeres of different colors; mandarines.—SCHWEITZER & HELLER *manu.* Greitz, Reuss.

20† Specimens of fine woollen cloths.—B. BOETTGER, Jr., *manu.* Leisnig, Saxony.

21 Fine twilled cloths from German wool.—HILGER, BROTHERS, *manu.* Lennep, near Düsseldorf, Rhenish Prussia.—*Agents*, F. COTTINET & Co.

22 Woollen goods of various kinds; black royal cashmere.—FEAUX & RIEDEL, *manu.* Aix-la-Chapelle, Prussia.—*Agent*, G. ROGGE.

23† Woollen cloths of various colors.—ERNST GEISSLER, *manu.* Görlitz, Saxony.

24† Specimens of fine Thibet cloths.—SCHIMPFF & GLADITSCH, *manu.* Gera, Saxony.

25 Billiard-table cloths.—ADAM STROM & SON, *manu.* Burtscheid, Rhenish Prussia.

26 Superfine cloths.—E. LUDWIG & SAMSON, *manu.* Silesia.—*Agents*, A. ISELIN & Co.

27 Specimens of superfine cloths.—C. NELLESSON, *manu.* Aix-la-Chapelle.—*Agent*, C. F. DAMPMANN & Co.

28 Variety of cloths.—FELLER & SON, *manu.* Guben.—*Agent*, FILLER, New York City.

30† Merinoes, mousselines and satins de laine, &c.—ERNEST F. WEISSFLOG, *manu.* Gera, Reuss.

31 Black and colored broad cloths; broad buckskin.—GEVERS & SCHMIDT, *manu.* Goerlitz, Saxony.—*Agents*, HARDT & Co.

32‡ A variety of woollen cloths.—J. B. MEYER, *manu.* Grünberg, Prussia.

32 Black and green cloths.—FORSTMAN & HUFFMAN, *manu.* Werden-on-Ruhr, Prussia.

34‖ Embroidered lama, cachemir, chine, and other stuffs, manufactured from carded yarns.—H. PINTUS, Jr. & Co., *manu.* Brandenburg-on-the-Havel, Prussia.

35‖ Fine cloths for ladies' mantles.—AUG. HAUSSMAN, Brandenburg-on-the-Havel, Prussia.

36† Imperial woollen cloths, of superfine qualities.—S. B. RUFFER & SON, *manu.* Liegnitz, Prussia.

37§ Cloths and buckskins.—LUDWIG W. MUELBERGER, Erbach, Hesse-Darmstadt.

38† Cloths and figured doeskins; cassinets.—BREHME & SON, *manu.* Weida, Saxe Weimar.

39§ Woollen coatings and beaver cloths.—HEINRICH HASLICHT & Co., *manu.* Brunswick.

41† Fine black cloth.—FRED. PETZOLD, *manu.* Lingenfeld, Bavaria.

42 Tartans, lamas, &c.—MARBACH & WEIGEL, *manu.* Chemnitz, Saxony.—*Agent,* F. HOOSE.

43† Woollen cloths, black, scarlet, and crimson, of various qualities.—J. G. WOLF, Jr., *manu.* Kirchberg, Saxony.

45§ Woollen and figured stuffs for ladies' cloaks, &c.—S. LOEWEN & Co., *manu.* Brandenberg-on-the-Havel, Prussia.

46 Blankets and table covers.—JOHANNES BRAUN, *manu.* Noerdlingen, Wurtemberg.

47 Specimens of moltons.—A. F. BEYSCHLAG, *manu.* Noerdlingen, Bavaria.

48 Specimens of moltons.—F. MUNSCH, *manu.* Noerdlingen, Bavaria.

49† Broadcloths.—EHRHART & WIELAND, *manu.* Lambrecht, Prussia.

51 Samples of woollen cloths.—GROEHE & SON, *manu.* Görlitz, Prussia.—*Agents,* VETTER & GROCHE, Prussia.

52 Saxony fine cloths; blue and black doeskins, satins, &c.—O. C. & H. ZSCHILLE, *manu.* Frankfort on the Oder, Prussia. [At present at the Prussian Consulate, 56 New street, New York City.]

53 Woollen cloths of various colors and qualities.—LEOPOLD SCHOELLER & SONS, *manu.* Duren, Prussia.—*Agent,* T. JUNG.

54† Specimens of superfine satin broadcloths.—JOHN F. FLECK, *manu.* Schmoelln, Saxony.

55 Specimens of cloths.—F. A. BORMANN, *manu.* Goldberg, Silesia.—*Agents,* RIDNER, THIEL & Co., New York City.

56 Samples of fine Berlin zephyr worsted yarns, of nearly 1500 different tints.—BERGMANN & Co., *manu.* Berlin, Prussia.—*Agents,* MAYER & STUCKEN, 76 Beaver street, New York City.

CLASS 13.

Manufactures of Silk and Velvet.

DIVISION C. COURT 3.

1 Velvets and half woollen stripes; embroidery canvas; velvet, silk and cotton damask furniture covering.—CHRISTIAN MENGEN, *manu.* Viersen, near Crefeld, Prussia.

2 Silks, satins, and umbrella stuffs.—JACOBS & BERING, *manu.* Crefeld, Prussia.—*Agent*, VON BRUCK.

3 Velvet ribbons; stamped velvet scarfs; velvets, plushes, and watered silks; lutestrings and serges.—SCHEIBLER & Co., *manu.* Crefeld, Prussia.—*Agent*, VON BRUCK, New York City.

4 Silk and terry velvets, of various colors; stamped moleskins, ribbons, &c.—MENGHIUS BROTHERS, *manu.* Aix-la-Chapelle, Prussia.—*Agents*, RIEDNER, THIEL & Co., 60 Beaver street, New York City.

5 Specimens of silks and velvets; moleskin; plush; figured velvet ribbons, scarfs, &c.—FRED. DIERGARDT, *manu.* Viersen, near Crefeld, Prussia.—*Agent*, L. STEIN, 96 Liberty street, New York City.

6 Silk cravats; embroidered silk vestings; woven picture of grotto of Neptune, &c.—STIEF & HARRASS, *des. and manu.* Potsdam, near Berlin.

7‖ Silk neckcloths and vestings.—HEINRICH LANDWEHR, *manu.* Berlin, Prussia.

8 Fine silk plushes; umbrella silks, &c.—C. W. OEHME, *manu.* Berlin, Prussia.

9† Velvets and plush; printed waistcoat plush.—KOCH, BROTHERS, *manu.* Lansigk, Saxony.

10‖ Plain, figured, and watered satins.—KUPPERS & KINDERMANN, *manu.* Crefeld, Prussia.

11‖ Silks, vestings, plush, and fancy goods.—HEINRICH LEVIN & SONS, *manu.* Berlin, Prussia.

12‡ Samples of black silk plushes.—BACHOVEN & VOLLSCHWITZ, *manu.* Zerbst, North Germany.

13‡ Silk plush, for hats.—FRED. KNORR, *manu.* Zweybrücken, Bavaria.

14 Superfine black satins.—BROCKING & EBELING, *manu.* Viersen.

16 Fine black and colored velvets and velvet ribbons of fancy and figured silk.—H. VON BRUCK & SONS, *manu.* Prussia.—*Agent*, VON BRUCK, New York City.

17‖ A variety of silks, satins, and velvet plushes.—J. A. MEYER & Co., *manu.* Berlin, Prussia.

18 Silks and silk shawls.—COLSMAN, BROTHERS, *manu.* Langenberg, Prussia.

CLASS 14.

Manufactures of Flax and Hemp.

DIVISION C. COURT 8.

1 Linen, damask, half satin and linen fabrics.—J. J. TRENDEL, Jun., *manu.* Culmbach, Bavaria.

2 Specimens of colored linens.—C. H. F. MEYER, *manu.* Schöppenstedt, Brunswick.

3‡ Fancy and plain linen drills, linen table cloths, napkins, &c.—BEYER'S WIDOW & Co., *manu.* Zittau, Saxony.

5* Hempen fire-engine hose, woven without seam; hemp bandages, and canvas fire-buckets.—BURBACH, BROTHERS, *manu.* Gotha, Saxe Gotha.

6* Sail cloth of unusual breadth, table cloths, and napkins.—C. B. FABIAN, *manu.* Breslau, Prussia.

7† Samples of twine and string.—J. G. HEINIG & SONS, Altenberg, Prussia.

8† Linen damask sheetings, table-cloths, &c.—G. H. HELLER, *manu.* Göttingen, Hanover.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, etc.

DIVISION C. COURT 4.

1 Plush, velvets, and cashmere shawls, in sundry colors and designs.—MARX & WEIGRET, *manu.* Berlin, Prussia.

2‡ Shalls of woollen and half-woollen, and mixed with silk and cotton.—PHILIP COHN & Co. *manu.* Berlin, Prussia.

3‡ Horsehair cloths with silk and cotton plush for upholstery, &c.—H. FUDICKAR, *manu.* Elberfeld, Prussia.

4† Linen and cotton damask table and tray cloths; table napkins, and doileys.—BEYER'S WIDOW & Co. *manu.* Ziltau, Saxony.

5 Woollen shawls and cottons.—P. KOECHLIN & SONS, *manu.* Loarrach, Prussia.

6‡ Damask curtains.—BERNHARD BUSSE, *manu.* Leipsic, Saxony.

7‖ Vestings, quiltings, and cassimeres.—W. TISCHENDORF & Co. *manu.* Collenberg, Prussia.

8‖ Almaviva cloths.—MORITZ SIMON, Jr., *manu.* Brandenberg.

9‡ Damask and other half-wool furniture coverings.—FRANZ SPIELBERG, *manu.* Leipsic, Saxony.

10‡ Half silk damasks.—EDWARD PRIEBS, *manu.* Leipsic.

11‖ Utrecht velvets and woollen cloths.—AMBRONN SCHREIBER, *manu.* Penig, Saxony.

12 Cashmeres and quilted vestings.—S. ARNSTEIN COHEN & Co. *manu.* Elberfeld, Prussia.

13 Furniture damask and table covers.—C. W. SCHUFFNER, *manu.* Glouchau.—*Agents,* SCHUFFNER & MOELLNER, New York City.

14‖ Fancy vestings.—ADOLPH ITZIG, *manu.* Berlin, Prussia.

15 Printed furniture and livery plushes, in mohair, worsted, and cotton; velours of cotton, &c.—HERMANN KAUFFMAN, *manu.* Berlin, Prussia.

16‖ Varieties of mixed, worsted, and silk stuffs.—SCHIFFNER & ZIMMERMAN, *manu.* Glauchau, Saxony.

17 Specimens of cashmere vestings.—GRAFE & NEVIANDT, *manu.* Elberfeld, Prussia.

18‡ Brocades and chintz furniture goods.—H. LANG, *manu.* Plauen, Saxony.
19 Specimens of colored half-woollen flannel.—HERFURTH, BROTHERS, *manu.* Leipsic, Saxony.
20 Curtain and furniture damasks.—EDWARD LOHSE, *manu.* Chemnitz, Saxony.
21‡ Furniture and table-covers in silk, wool, cotton, and mixed goods.—ROBERT ALBRECHT, *manu.* Chemnitz, Saxony.
22 Specimens of mixed wool and silk goods.—G. A. TASCH, *manu.* Glauchau, Saxony.—*Agent*, J. H. ZUMSTEIN, 27 William street, New York City.

CLASS 16.

Leathers, Furs, and Hair; and their Manufactures.

SOUTH-WEST GALLERY.

1 Japanned patent leather, for shoemakers and furniture.—DOERR & REINHART, *manu.* Worms on the Rhine.
2* Tresses and braids of human hair.—HERMANN GOETZE, *manu.* Leipsic.
3* Varnished leather, belts, hat bands, &c.—HERMANN HIERSCHFELD, *manu.* Anhalt Kothen.
4 Vellum and parchments.—F. BARTHOLME, *manu.* Augsburg, Bavaria.
5 Japanned, black, and polished leather, for boots and shoes.—HEINTZE & FREUDENBERG, *manu.* Weinheim, Baden.
6 Specimens of leather.—EDWARD VISSING, *manu.*
7 A variety of whips.—STICH, *manu.* Nuremburg, Bavaria.
8 Fancy articles in leather.—J. G. KUGLER, *manu.* Nuremburg, Bavaria.
9 Samples of leather.—W. PRETORIUS & Co. *manu.* Alzey, Hesse-Darmstadt.
10 Patent varnished leather, for shoes, belts, &c.—RUPP & BECHSTEIN, *manu.* Frankfort-on-the-Maine.—*Agent*, F. SCHWENDLER, 39 Beaver street, New York City.
11 Complete set of Hungarian harness.—ROBERT STAHN, *manu.* Breslau, Prussian Silesia.
14 Prepared leather, for instruments.—WILLIAM & EDWARD GEYER, *manu.* Eisenberg, Saxe-Altenburg.
15 Travelling trunks, pouches, &c.—FERD. SCHADOW, *manu.* Breslau, Prussian Silesia.
16 Patent calfskins.—CORNELIUS HEYL, *manu.* Worms on the Rhine.—*Agent*, J. A. TAUBER, 32 Dey street, New York City.
17 Chamois leather, &c.—CARL OSTERTAG, *manu.* Nordlingen, Wurtemberg.
20 Riding and carriage whips, of various descriptions, and curiously mounted; canes, and small whips.—P. LENZENFELDER, Sen., *manu.* Nuremburg, Bavaria.
22 Specimens of saddlery.—BOYSEN, *manu.* Bremen, North Germany.
25 Sample card of assorted bristles, with price current.—H. HERDIGEN, *manu.* Nuremburg, Bavaria.

CLASS 17.

Paper and Stationery; Types, Printing and Bookbinding.

SOUTH-WEST GALLERY.

1‡ Various specimens of paper and pasteboard; plate-paper; tissue, of all colors; bank-note and document papers; millboards for railway carriages.—C. F. A. FISCHER, *manu.* Bautzen, Saxony.

2 Gold and silver paper and borders; samples of bronze-colored printing.—LEO. HAENLE, *manu. and prod.* Munich, Bavaria.—*Agents*, KOOP, FISCHER & Co.

3 Pounce paper, or transparent drawing paper, made by a new and peculiar process —E. KARCHER, *inv. and manu.* Carlsruhe, Baden.

4 Specimens of colored papers.—WUST BROTHERS, *manu.* Darmstadt, Hesse-Darmstadt.

5 Gold, and silver and fine colored papers.—ALOIS DESSAUER, *manu.* Aschaffenburg, Bavaria.—*Agent*, J. F. SCHEPELER, 37 South street, New York City.

6 Two illustrated works, *Illustrirte Zeitung*, in 7 vols. folio, and *Illustrirte Naturgeschichte des Thierricks* in 2 vols. folio.—J. J. WEBER, *prod.* Leipsic, Saxony.

7 Specimens of paper, which, by a new process, is colored differently on the two sides of a sheet. Note and letter and folio papers.—RAUCH BROTHERS, *inv. and manu.* Heilbronn, Wurtemberg.

8 A variety of plain and fancy wafers.—EBERLAIN, *manu.* Nuremberg, Bavaria.

9 Specimens of graduated drawing pencils, of various shapes and qualities.—S. FROESCHEIS, *manu.* Nuremberg, Bavaria.

10 Lead pencils and drawing chalks of various qualities and kinds.—STAEDTLER *manu.* Nuremberg, Bavaria.—*Agents*, CH. MULLER & Co. 30 Platt street, New York City.

11 Fancy gilt and colored papers.—DITTBERNER, *manu.* Breslau, Prussia.

12 Labels, for merchants, manufacturers, &c.—H. ED. KRAMER, *manu.* Leipsic, Saxony.

13 Various works on architectural designs and ornaments by Zahn & Hessemer.—DIERTICH REIMER, *pub.* Berlin.

14 Varieties of enamelled, colored, and glazed cards and paper.—E. A. FREUND, *manu.* Offenbach on the Maine.

15 Specimens of card board and glazed paper.—J. B. WEBER, *manu.* Offenbach on the Maine.

16 Specimens of playing cards.—M. FROMMANN, *manu.* Darmstadt, Hesse-Darmstadt.

17 Set of the Leipsic Greek and Latin classics; bibles and other books.—B. G. TEUBNER, *manu.* Leipsic, Saxony.

18 Samples of ornamental papers, fancy embossed cards; medallion wafers, &c. (The plates from which these papers are printed are electrotypes from papier maché moulds.)—SCHAEFFER & SCHEIBE, *manu.* Berlin, Brussia.

19 Newspaper holders.—CARL WOLTER, *manu.* Breslau, Prussia.

20 Two hundred volumes printed within one year in the office of the exhibitor.—F. A. BROCKHAUS, *printer*, Leipsic, Saxony.

21 Bibles, geographical works, &c.—J. BADEKER, *pub.* Iserlohn, near Elberfeld, Prussia.

22 Universal Lexicon, 34 vols. in 17; supplement 4 vols. in 2.—H. A. PIERER, *prop.* Altenberg, Saxe-Altenberg.

23 Cedar pencils, arranged in the form of the American arms.—THEO. CRAMER KLETT, *manu.* Nuremberg, Bavaria.

24 Gold and silver papers.—WILLIAM STERN, *manu.* Fürth, Hesse.

25* A variety of playing cards.—WOLFGANG REUTER, *manu.* Darmstadt, Hesse-Darmstadt.

26 Various specimens of black lead pencils; fine graduated drawing pencils; colored lead pencils, colored chalks, drawing materials and drawing.—A. W. FABER, *manu.* Stein, near Nuremberg.

27 Specimens of printing ink.—V. AMELUNXEN, *manu.* Wolbeck, Westphalia.

28 Paper and parchment.—F. BARTHOLME, *manu.* Augsburg, Bavaria.

29 Volume of engraved specimens of calligraphy.—J. HEINRIGGS, *pub.* Cologne.

31* Samples of printers' inks, &c.—C. WISSENBACH, *manu.* Frankfort-on-the-Maine.

33§ New style of manifold writer.—F. H. LUNEBURG, *manu.* Hamburg.

34 Prepared metallic writing tablets.—EDWARD EBENAUER, *manu.* Nuremberg, Bavaria.

35 Various scientific and miscellaneous books.—F. VIEWEG & SON, *pub.* Brunswick.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

SOUTH-WEST GALLERY.

1§ Turkey-red and rose-colored cotton yarns.—A. WEYERMANN, *dyer,* Elberfeld.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Work.

SOUTH-WEST GALLERY.

1 A variety of silk braidings and trimmings.—C. W. SIEBEL & BRINCK, Elberfeld, Prussia.

2 White, sewing, and ball fringes, &c.—HANS HELWEG, *manu.* Buchholz, Saxony.

3 Oil cloths, oiled fustians—double oiled floor cloths, &c., &c.—F. QUAST, *manu.* Leipsic, Saxony.

4 Embroideries on jaconet and cambric.—SCHMIDT & MUELLER, *manu.* Plauen, Saxony.

5 Silk and worsted borders, tassels, and gimps for carriages and saddlery trimmings; bridles, gun ribbons, and girths.—ROBERT SCHAERFF, *manu.* Brieg, Prussian Silesia.

6‡ Embroideries on white satin, in imitation of engravings and water color drawings; embroidered tableau of glass.—ALBERT HIETEL, *manu.* Leipsic, Saxony.

7 Trimmings, laces, and blond.—EISENSTUCK & Co., *manu.* Annaberg, Saxony.

8† Cotton and silk embroidery and lace.—HERMANN POHL, *manu.* Schneeberg, Saxony.

9† Tambour embroidered chemisettes and collars. Other specimens of embroidery.—A. J. STECHER, *manu.* Klingenthal, Baden.

10§ Printed oil cloths, table covers and double floor cloths, transparent blinds, hat linings and carriage oil cloths.—B. BURCHARDT & SONS, *manu.* Berlin, Prussia.

11† Sofa carpet. Carpet-bags for gentlemen and ladies.—J. G. HEINIG & Co., Meerane, Saxony.

12 Laces and embroideries.—F. FOERSTER, *manu.* Eibenstock, Saxony.
13 Imitation gold and silver lace.—J. G. NEIDEL'S HEIRS, *manu.* Nuremberg, Bavaria.
14 Crochet and knitted articles.—MATILDA KAUL, *manu.* Breslau, Prussia.
15* Silk and woollen carriage trimmings.—FREDERICK ARNOLD, *manu.* Offenbach-on-the-Maine.
16 Carriage trimmings, &c.—CASPAR, HENDERKOTT & SONS, *manu.* Barmen, Prussia.—*Agent*, EDWARD BEHR, New York City.
17 Crochet work and embroideries.—LOUISE RODE, *des. and maker*, Loewenburg, Prussia.
18 White cotton fabrics and embroideries. Curtain brocades, &c.—F. L. BOEHLER & SON, *manu.* Plauen, Saxony.—*Agent*, H. ACKERMANN, 70 Cedar street, New York City.
19 Carpets and table-covers.—AUG. WORLEN, *manu.* Nordlingen, Wurtemberg.
20 Fur rug of 650 pieces.—CARL WORLIN, *manu.* Memmingen, Wurtemberg.
21 Curtain fringes.—LEWIS LAUBNER, *manu.* Scheibenberg, Saxony.
22 Carpet.—J. FORGUIGNON, *manu.* Bremen.
23‖ Crochet table-cover.—BERNHARD FICKER, Jr., *manu.* Annaberg, Saxony.
24 Silk lace and blonds.—H. D. DANCKWARDT & Co., *manu.* Schneeberg, Saxony.—*Agent*, H. ACKERMANN, 79 Cedar street, New York City.
25§ Crochet shawl.—LOUISE MARQUARDT, *maker*, Stargardt, Prussia.
26 Gold and silver embroideries.—SCHUSTER, *manu.* Nuremberg.
27 A variety of embroideries.—H. NEUBURGER & SONS, *manu.* Stuttgardt, Wurtemberg.
28‡ Cambric curtain embroideries, &c.—MEINHOLD & NEITZCHE, *manu.* Plauen, Saxony.
29 Fine embroideries.—Miss C. BRASCH, Bremen, North Germany.
30 Lace fabrics.—C. F. UHLMANN, *manu.* Bremen, North Germany.
31 Rugs and mats.—J. H. MUELLER, *manu.* Bremen, North Germany.
32 Embroidered cushion.—CHARLOTTE PAULSON, *manu.* Hamburg.
33 Carpet worked by hand.—EMILIE DE VOZ, *manu.* Apenrade, Schleswig.

Wearing Apparel.

CLASS 20.

SOUTH-WEST GALLERY.

1 French kid gloves, for ladies' and gentlemen's wear.—JULIUS BIERLING, *manu.* Dresden, Saxony.
2 A variety of silk gloves.—G. F. BEHR, *manu.* Chemnitz, Saxony.
3‖ Variety of hosiery, cotton and thread gloves.—HOESSLER & SONS, *manu.* Rabenstein, near Chemnitz, Saxony.
4 Corsets without seam.—JOHANN STECHER & Co., *manu.* Carlsruhe, Baden.
5§ A variety of boots and shoes.—GEORGE KLOSS, *manu.* Brunswick.
6 Ladies' woollen shoes; gentlemen's shoes of felt; felt slippers.—AUGUST MUEHLE, *manu.* Pirna, Saxony,
7 Knitted caps, hose, scarf, socks, &c.—J. W. LENZ, *manu.* Berlin, Prussia.
8 Various cotton and woollen hosiery, and fancy goods.—CHRISTIAN ZIMMERMANN & SON, *manu.* Apolda, Saxe Weimar.
9 Specimens of hosiery and purses, in tricot.—F. A. RUST, *manu.* Offenbach-on-the-Maine.
10 Specimens of woollen hosiery.—J. G. FABIEN, *manu.* Bautzen, Saxony.
11 A water-proof coat, which may be washed like linen.—HEINRICH CADA, *manu.* Breslau, Prussian Silesia.
12 A gentleman's coat.—MECHANICS' CLUB, *manu.* Lauban, Prussian Silesia.

14* A variety of shoes.—ALEXANDER ALBERTUS, *manu.* Eisenberg, Saxe Altenburg.

16 Specimens of gloves of various kinds.—KÖHLER BROTHERS, *manu.* Altenburg, Saxe Altenburg.

18 Specimens of corsets without seams.—CARL D'AMBLY & Co., *manu.* Stuttgard, Wurtemberg.

19 Mantillas of embroidered silk and velvet.—HERMANN GERSON, *manu.* Berlin, Prussia.—*Agent,* H. ACKERMANN.

20 Ready-made coats.—CLOTHES MAGAZINE, *manu.* Breslau, Prussian Silesia.

21 Plush slippers.—EDWARD HEINZE, *manu.* Eisenberg, Altenburg.

22* Boots, shoes, and gaiters: hosiery, &c.—ZIGLER & REISSE, *manu.* Ruhla, Thuringia.

24 Boots and shoes.—T. H. ALBRECHT, *manu.* Bremen, North Germany.

27 A variety of boots and shoes.—JOHN EBNER, *manu.* Hanover.

28 Boots and shoes.—ANTON SCAAD, *manu.* Lower Bavaria.

29* Boots, shoes, and overshoes.—C. PFEIFFER, *manu.* Berlin, Prussia.

30 India-rubber elastic braces and watch-guards; shoes and shoe stuffs of mixed silk and india-rubber.—J. S. ROEMPLER, *manu.* Erfurt, Saxony.

31 Specimens of corsets. —CORSET MANUFACTORY, Wurtemberg.

32 Boots, shoes, and slippers, made of felt.—A. MARTHAUS, *manu.* Oschatz, Saxony.

CLASS 21.

Cutlery and Edge Tools.

SOUTH-WEST GALLERY.

1‡ Table knives and shears.—HERMANN LEVY, *manu.* Dresden, Saxony.

2 Patent razors and razor strops; surgical instruments (Class 10), and a variety of other articles of cutlery.—DITTMAR, BROTHERS, *manu.* Heilbronn, Wurtemberg.

3 Hatchets, knives, and other cutlery.—F. W. & F. LOHMANN, *manu.* Voerde, near Schwelm, Westphalia.—*Agent,* EDWARD BEHR, New York City.

4‡ Specimens of cutlery, manufactured from the refined steel of the Siegen Smelting Works.—J. A. HENCKELS, *manu.* Berlin and Solingen, Prussia.

5 Variety of edge tools and cutlery.—J. E. BLECKMANN, *manu.* Ronsdorf, Hesse Cassel. [In his case Class 22.]—*Agent,* G. A. SCHEIDT.

6 Fine cutlery and edge tools.—SCHMIDT & MÖLLENHOFF, *manu.* Hagen.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

DIVISION C. COURT 11.

1‡ Sample card of iron, copper and brass nails, tacks, rivets, &c.—JULIUS HERM WOLF, *manu.* Burgstadt, near Chemnitz, Saxony.

2‡ Bronze castings and ornaments.—H. KRAUSSE, *manu.* Mentz, Prussia.

3* Bronzed iron inkstands, candelabra, groups, &c.—A. R. SEEBASS & Co., *manu.* Offenbach on the Maine.

4 Locks and locksmiths' ware, and other hardware.—J. D. SCHMIDT, Jr., *manu.* Sprochoevel, Prussia.—*Agent*, EDWARD BEHR, New York City.

5 Gilt brass curtain ornaments.—C. KEUTGEN'S HEIRS, *manu.* Iserlohn, Westphalia.

6 Pins for naturalists, and of various sorts.—HEINRICH FISCHER, *manu.* Leipsic, Saxony.

7 Iron, steel, and brass tools; porte-monnaies.—JACOB BUNGER, Jr., *manu.* Barmen, Prussia.—*Agent*, E. BEHR, New York City.

8 Samples of iron and steel ware.—A. V. & G. LANNER, Schmalkalden, Prussia.

9 A variety of tools for carpenters, tanners, coopers, &c. &c.—CHRISTIAN BROTHERS, *manu.* Cronenberg, near Elberfeld, Rhenish Prussia.

10 Hardware; bronzed zinc castings; candlesticks, inkstands, paper weights, lamp stands, &c.—F. W. LUCAS & Co., *manu.* Elberfeld, Rhenish Prussia.

11 Specimens of locks, brace-bits, skates, compasses.—JOHN E. BLECKMANN, *manu.* Ronsdorf, Hesse.—*Agent*, G. A. SCHEIDT, 4 Platt street, New York City.

12 Iron and steel goods, cutlery, and bronzes.—REIZENSTEIN & MOELLER, *manu.* Aix-la-Chapelle, Prussia.

13* Enamelled iron kitchen utensils.—BUDERUS, SONS, *manu.* Loehnberger-hütte, Nassau.

14 Peal of four bells highly ornamented.—CARL ROSENLACHER, *manu.* Constance, Baden.

15‡ Japanned lamps and metal ware.—LEVY, BROS, *manu.* Frankfort-on-the-Oder, Prussia.

16 Hardware and cutlery of many varieties.—R. & H. BOEKER, *manu.* Remscheid, Rhenish Prussia.

17 Jacks, vices, cranes, carriage springs, pick-axes, and other hardware.—P. LUDWIG SCHMIDT, *manu.* Elberfeld, Prussia.

18 Samples of needles.—J. D. WEISS, *manu.* Nuremberg, Bavaria.

19 Specimens of japanned ware.—M. DENECKER, *manu.* Nuremberg, Bavaria.

20 Specimens of silver plated hooks and eyes.—OERTLE & HERTLEIN, *manu.* Nuremberg, Bavaria.

21 Hooks and eyes.—E. HUMMEL, *manu.* Nuremberg, Bavaria.

22 Silver plated hooks and eyes.—G. B. REICHENFUSS, *manu.* Nuremberg, Bavaria.

23 A variety of steel and gilt chains, &c.—J. M. BOELK, *manu.* Nuremberg, Bavaria.

24 Hand bells of various descriptions.—P. F. SIEBENKAS, *manu.* Nuremberg, Bavaria.

25 A variety of articles manufactured of fine steel.—G. C. HAMMON'S WIDOW, *manu.* Nuremberg, Bavaria.

26 Fine steel articles.—NICHOLAS HOFFMANN, *manu.* Nuremberg, Bavaria.—*Agents*, C. MUELLER & Co., 30 Platt street, New York City.

27‖ Lamps, candlesticks, lanterns, tinder-boxes, snuffers, &c.—WOLF, BROTHERS, *manu.* Neheim, Prussian Westphalia.

28§ Plated and copper hooks and eyes.—J. P. HOSTEREY, *manu.* Barmen, Rhenish Prussia.

29 A large variety of iron and steel hardware.—SCHMIDT & MOELLENHOFF, *manu.* Aix-la-Chapelle, Prussia.

30 Specimens of cast iron and steel.—His Excellency Count RENARD, Mecklenberg-Strehlitz.

31 Warwick vase, baptismal font, statuettes, vases, groups, and other objects, in Berlin iron.—ROYAL IRON FOUNDRY, *manu.* Berlin.—*Agent*, Prussian Consul.

32 Steel clasps and fancy hardware.—HERMANN BAUS, *manu.* Solingen, Prussia.

33 A variety of brass curtain ornaments.—KISSING & MOELLMANN, *manu.* Iserlohn, Prussia.

34 Specimens of lead in bars.—MENIS & BUDERUSS, *manu.* Eschweiler, Bavaria.—*Agents*, RIDNER, THIEL & Co.

35‡ Brass lamps, and other articles.—HOLZSCHUHER, BROTHERS, *manu.* Schleiz, Reuss.

36 Samples of fine steel.—C. H. R. ANSCHUETZ, *manu.* Zella, Saxe-Gotha.

37 Galvanized cast steel wire; needles in various stages of manufacture—CHAS. SCHLEICHER, *manu.* Bellevallée, Aix-la-Chapelle.—*Agents*, HERMANN, BOKER & Co.

38 Samples of crochet and netting needles.—FREDERICK BAUM, *manu.* Nuremberg, Bavaria.

39 Specimen of needles, and needle-wire.—DISTEL, *manu.* Nuremberg, Bavaria.

40 Brass ware—SCHATT, *manu.* Nuremberg, Bavaria.

41 Hand bells.—SATT, *manu.* Nuremberg, Bavaria.

42 Various samples of tin ware.—THEIRFELDER, *manu.* Nuremberg, Bavaria.

43 Brass and steel-wire gauzes; wire and horse-hair sieves, &c.—T. F. STOHRER, *manu.* Stuttgard, Wurtemburg.

44 A variety of specimens of imitation bronzes.—BROZLER & SON, *manu.* Bornheim, near Frankfort.

45 Specimens of fine brass and steel wire—ARTHUR KOENIG, *manu.* Nuremberg, Bavaria.—*Agents*, CH. MUELLER & Co., 30 Platt street, New York City.

46 Brass candlesticks; chandeliers; mortars; smoothing-irons, &c.—J. E. HEROLDT, *manu.* Nuremberg, Bavaria.

47 Lead, litharge and shot.—ROYAL SAXON MINING Co., *manu.* Freyburg, Baden.

48 Assortment of fine zinc plates, some very thin.—RUFFER & Co., *manu.* Breslau, Prussian Silesia.

49 Specimen of needles.—H. J. NEUSS, *manu.* Aix-la-Chapelle.

50 Strong iron box.—FEHRMANN, *manu.* Bremen.

51 Warming-bottles.—ADAM PUTZENBERGER, *manu.* Lower Bavaria.

52* Culinary utensils, made of rolled sheet iron and tinned with Banca tin.—J. ASSMANN, *manu.* Neuwied-on-the-Rhine.

53* A variety of articles of japanned ware.—RAU & Co., *manu.* Goeppingen, Wurtemburg.

54 Brass weights.—PABST, *manu.* Nuremberg.

56 Pattern book of wire rails.—HELMREICH, MOLL & Co., *manu.* Manheim, Baden.

57 Brass tea kettles, candlesticks, lamps, jelly moulds, &c.—SIGMOND WEHEFRITZ, *manu.* Nuremberg.

58 Hooks and eyes.—NUREMBERG MANUFACTURING Co., Nuremberg, Bavaria.

59 Moulds and forms in metal, for confectioners' use.—J. G. NORMANN, *manu.* Nuremberg, Bavaria.

60 Zinc, sheet-zinc, and album of zinc paper.—Zinc Manufactory (EMILIE-PAULINEN-HUTTE), Gleiwitz, Saxony.—*Agents*, T. & J. BROCKELMANN, 38 New street New York City.

61 Samples of sheet iron.—P. HARKORT & SON, *manu.* Wetter on-the-Ruhr, West Prussia.

62 Specimens of needles made from English cast steel, rolled and drawn into wire in Germany; model of a machine for drilling the eyes of needles (Class 6). —S. BEISSEL'S WIDOW & SON, *manu.* Aix-la-Chapelle, Prussia.—*Agents*, CHAS. MUELLER & Co., 30 Platt street, New York City.

63 Table and hand bells, of various patterns.—C. E. PETRITSCH, *manu.* Nuremberg, Prussia.

64 Tea-urns, binnacle-lamps, candlesticks, and other articles of hardware.—J. C. GIESING, *manu.* Nuremberg, Bavaria.

65 Various articles of useful and fancy hardware, such as candlesticks, tableware, inkstands, &c., &c.—J. L. RENNER, *manu.* Nuremberg, Bavaria.

66 Brass cages for birds.—BAUMANN, *manu.* Goeppingen.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes and Articles of Vertu generally.

SOUTH-WEST GALLERY.

1* Tinsel and tinsel ornaments; gold leaf and foil.—H. P. VOLKAMERS, Jr. & FURSTER, *manu.* Nüremberg, Bavaria.

2‡ Specimens of fine jewelry.—JOS. FRIEDMAN, *manu.* Frankfort-on-the-Maine.

3 Specimens of Leonischen wire, or "threads."—FREDERICK MERKEL, *manu.* Schwalbach, Nassau.

4* Bohemian and oriental garnets, rubies, &c.—SAX & Co. *manu.* Waldkirch. Baden.

5 Gilded and silvered wires of various sizes; gold and silver thread for spinning.—E. KUHNS, *manu.* Nuremberg, Bavaria.

6 Gold, half gold and silver leaf.—J. C. SCHAPTAG, *manu.* Nuremberg.

7 Specimens of jewelry in gold and precious stones.—EDWARD SACHS, *manu.* Stuttgard, Wurtemberg.

8 Specimens of fine jewelry.—NICHOLAS OTT & Co. *manu.* Gmünd, Wurtemberg.

9 Flower in brilliants and rubies, with leaves of enamel and emerald, in a vase of gold and enamel.—G. FREDERICK HAULECK, Hanau, Hesse-Cassel.

10 Gold and silver tinsel and tinsel goods.—W. W. BAUER, *manu.* Nüremberg, Bavaria.

11 Gold leaf and gilding materials.—I. BRANDEIS, *manu.* Fürth, Bavaria.

CLASS 24.

Glass Manufactures.

SOUTH-WEST GALLERY.

1* Plain and fancy window glass; colored and embossed glass; drawings on glass.—J. A. DERNDINGER, SOHLER & Co., *manu.* Offenburg, Baden.

2 Paintings on glass.—W. TROST, *des. & manu.* Nuremberg, Bavaria.

3 Paintings on glass.—J. WAGNER, *des. & manu.* Kirschberg, Baden.

4 Glass buttons, beads, hair-pins, &c.—J. H. KRANTZ, *manu.* Neumarkt, Silesia.

5 Samples of colored glass and glassware.—COUNT SOLM'S GLASSWORKS, Baruth, near Berlin. *Agents*, RIDNER, THIEL & Co., 34 New street, New York City.

6 Specimens of glassware.—W. MITTELSTADT, *manu.* Zirke, Posen.

7 Looking glasses in various styles of manufacture.—M. BENEDICT, Jr., *manu.* Fürth, Bavaria.

8 Imitation agate marbles in glass; glass eyes for birds and dolls, and various fancy articles in glass.—E. G. VETTERS, Jr., *manu.* Lauschau, Thuringia.

9 Paintings on glass.—S. VOGT, *manu.*

10 Glass plate for mirrors, silvered.—LEOPOLD HEILBRONN, *manu.* Fürth, Bavaria

CLASS 25.

Porcelain and other Ceramic Manufactures.

SOUTH-WEST GALLERY.

1 Painted china ware.—W. ROTHENBACH & Co. *manu.* Breslau, Prussia Silesia.

2† Various paintings on porcelain in frames; porcelain toilet boxes, and painted porcelain buttons.—W. & C. BREITSCHNEIDER, *manu.* Altenburg, Saxe-Altenburg,

3† Various paintings on porcelain.—A. BREITSCHNEIDER, *manu.* Altenburg, Saxe-Altenburg.

4 Pipe bowls of porcelain.—F. HASAK, *manu.* Reichenstein, Prussian Silesia.

5 Various pharmaceutical utensils and apparatus, and water-pipes, made of clay found in Thuringia Forest.—C. E. & F. ARNOLDI, *manu.* Elgersberg, Saxe-Gotha.

6* Terra-cotta vases, flower pots, and other ceramic articles.—EDWARD SAELZER, *manu.* Eisenach, Saxe-Weimar.

7 Various pictures on porcelain; statuettes, vases, and other articles in decorated porcelain.—C. P. BOHMLANDER, *manu.* Nuremberg, Bavaria.

8 Fancy figures in earthen ware.—BAUR, BROTHERS, *manu.* Biberach, Wurtemberg.

9† Porcelain paintings and various articles in decorated porcelain.—FASOLT, ENS & GREINER, *manu.* Lauschau, Thuringia.

10 Paintings on porcelain.—H. BUCKER, Dresden.

11 Gilded and richly decorated porcelain vases and table services.—ROYAL PORCELAIN MANUFACTORY, Berlin.—*Agent,* Prussian Consul, New York City.

12 Specimens of earthenware.—MULLENBACH & THEWALD, *manu.* Höhr.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper-Hangings and Japanned Goods.

DIVISION C. COURT 10.

1‡ Work boxes; gilt mouldings and beadings of various kinds.—JULIUS KLEIN, *manu.* Berlin, Prussia.

2 Rosewood work-boxes and articles in fancy woods.—F. W. BUERCK, *manu.* Mannheim, Baden.—*Agent,* F. P. WIEDEMANN, 290 Broadway, New York City.

3 Ladies' writing and work table in ebony, inlaid with four water-color views of the Rhine.—CARL HILGER, *des. and manu.* Düsseldorf, Rhenish Prussia.

4 Variety of mirrors.—BERLIN & EHRMANN, *manu.* Fürth, Bavaria.—*Agent,* ROELKER & MOELLMAN.

5 Various articles of japanned tin ware and papier-maché, inlaid with mother-of pearl.—RAU & Co. *inv. and manu.* Goeppingen, Wurtemberg.

6 Signboard ornamented in gold letters.—LANGREBE, Berlin.

7* Samples of fine gilt mouldings.—L. MESS & Co. *manu.* Brandenburg, Prussia.

8 Painted blinds.—BURCKHARDT & SON, *manu.* Berlin.

9 Wall papers.—VOGELIN & Co. *manu.* Constance.—*Agents,* LEWIS RITZ & Co.

10‡ Inlaid rosewood table-top.—S. G. H. MUELLER, *manu.* Leipsic, Saxony.

11 Parlor mirror.—J. BACHE, *manu.* Fürth, Bavaria.—*Agents,* T. BACHE & Co 42 Cedar street, New York City.

12† Toilet tables, and work-boxes, inlaid with mother-of-pearl.—GOTTHOLD HEINZ, *manu.* Johann-georgenstadt, Saxony.
13 Gilded frames.—HUETTER & OSTERHAUSEN, Nuremberg, Bavaria.
14 Painted blinds.—SIMON KOLL & SON, *manu.* Cassel, Hesse-Cassel.
15 Gilt beadings and mouldings.—J. B. SCHMIDT, *manu.* Nuremberg.
16 Two mirrors.—J. Z. FISCHER & SON, *manu.* Fürth, Bavaria.
17 Various articles of furniture.—JOSEPH FORQUIGNON, *manu.* Bremen.
18 Japanned tea trays, with pictures after Nickoll and others.—MEYER & WRIED, *manu.* Brunswick.
19 Bureau.—WISCHMANN, *manu.* Bremen.
20 Gold beadings for frames and cornices.—A BOEGE, *manu.* Berlin, Prussia.
21 A variety of gilt mouldings.—F. A. KIRCHER, *manu.* Halle, Prussian Saxony.
22 Various patterns of paper hangings, borders, &c.—BRACKEBUSH & HERTING, *manu.* Eimbeck, Hanover.
23 Chairs.—UHLHORN, *manu.* Bremen.

CLASS 27.

[For the title see other countries.]

1 Slates and metallic tablets.—H. A. HUTSCHENREUTER, *manu.* Wallendorf.
2 White marble centre table.—CARLO BARRATA, *manu.*

CLASS 28.

Manufactures from Animal and Vegetable Substances, not Woven or Felted, or Otherwise Specified.

SOUTH-WEST GALLERY.

1 Articles in mosaic straw.—FREDERICK EBERT, *manu.* Ansbach, Bavaria.
2* Fancy boxes and other articles in wood and mosaic work.—R. ROBRITZ, *manu.* Gotha, Saxe-Gotha.
3‡ Assortment of basket-ware.—F. B. KOHLEB, *manu.* Leipsic, Saxony.
4 Baskets.—W. SIMON, *manu.* Hilburghausen, Saxe-Gotha.—*Agent,* L. B. SIMON, New York City.
5 Fancy boxes of various descriptions.—FELLGIEBEL & Co. *manu.* Schoenburg, Prussian Silesia.
7* Straw goods.—H. H. REICHEL, *manu.* Dippoldswalde, Saxony.
8* Straw goods.—C. STEINICH, *manu.* Maxen, Saxony.
9 Brushes of various descriptions.—SAUER, *manu.* Nuremberg, Bavaria.
10 Specimens of combs in horn, ivory, and tortoise-shell.—PROBST, *manu.* Nuremberg, Bavaria.
11 Ivory brooches, breast-pins, and paper-cutters.—B. HECKMAN, *manu.* Nuremberg, Bavaria.
12 Specimens of bone buttons and rings.—WILLIAM HECKEL, *manu.* Memmingen, Bavaria.
13 Fancy willow baskets.—BARUCH ZINN, *manu.* Redwitz, Bavaria.—*Agents,* C. TIMM & Co. New York City.
14 Various samples of brushes.—J. C. MEUSCHKE & SON, *manu.* Altenburg, Saxe Altenburg.—*Agents,* RICHARD RANET, 524 Broadway, New York City.
15 Wood and leather walking sticks.—ADOLPH LIESK, *manu.* Berlin, Prussia.
16 Combs of various descriptions.—BERGER, *manu.* Nuremberg, Bavaria.

17 Combs and various fancy articles of ivory, tortoise-shell, and other substances.—G. J. BEER, *manu.* Nuremberg, Bavaria.

18 Basket-ware and cane chairs.—J. Z. MEYER, *manu.* Bremen.

19 Various articles made of mother-of-pearl.—WEISS, *manu.* Nuremberg, Bavaria.

20 Samples of brushes.—ROGLER, *manu.* Nuremberg, Bavaria.

21 Variety of needle-cases, and other articles turned in bone.—J. A. KLEINING, *manu.* Nuremberg, Bavaria.

22 Samples of tooth brushes.—CART HAUSMER, *manu.* Nuremberg, Bavaria.

23 Specimens of bristles for brushes.—O. G. HEEREN, *manu.* Bremen.

24 Specimens of brushes of various descriptions.—J. P. DIETZ, Jr. *manu.* Nuremberg, Bavaria.

25 Salad and other spoons of buffalo horn.—K. H. HERBST, *manu.* Nuremberg, Bavaria.

26 Artists' pencils and painting brushes of various descriptions.—GONNERMAN BROTHERS, *manu.* Nuremberg, Bavaria.

27 Specimens of articles in straw mosaic work.—C. L. WEPPLER, *manu.* Heilbronn, Wurtemberg.

28 A variety of articles manufactured in horn.—JOHN G. KERN, *mann.* Geringswalde, Saxony.

29 Straw bonnets, bonnets, and artificial flowers.—FREDERICK LINCKE & Co. *manu.* Dresden, Saxony.

31 Various articles carved in wood.—G. LANGE ERBEN, *manu.* Oberamergau, Wurtemberg.—*Agents,* KELLER & LINGG, 121 Pearl street, New York City.

32 Straw bonnets of various sizes for dolls.—C. WEHNERT, *manu.* Leipsic, Saxony.

33 Articles carved in ivory.—EMIL HANKE, *manu.* Briegg, Prussian Silesia.—*Agents,* BRUNNER & Co. 54 Broad street, New York City.

34 "Pine-needle wool," for upholstery, intended as a protection from moths, and for wadding; wadded blankets made of "pine-wood wool."—C. G. FABIAN, *manu.* Humboldsau, near Breslau, Prussia.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

SOUTH-WEST GALLERY.

1 Various specimens of eau de cologne.—JOHANN MARIA FARINA, *manu.* 2 Julick's Platz, Cologne, Rhenish Prussia.

2 Eau de Cologne.—JOHANN CARL FARINA, *manu.* Cologne.

3 Snuff, tobacco, and cigar boxes.—J. A. WISSMATH, *manu.* Schweinau, near Nuremberg, Bavaria.—*Agents,* CH. MUELLER & Co., 30 Platt street, New York City.

4 Large assortment of painted snuff, cigar, and cigarette boxes.—J. P. HAHN, *manu.* Nuremberg, Bavaria.

6 Model, in papier-maché, of Gulliver among the Lilliputians.—A. FLEISCHMANN, *manu.* Sonneberg, Saxony.

7 Porte-monnaies.—JACOB BUNGER, Jr., *manu.* Barmen.—*Agent,* E. BAER.

8 Various kinds of buttons.—GORLICH & GRAFF, *manu.* Elberfeld, Rhenish Prussia.

9 Figures and toys.—WILLIAM SIMON, *manu.* Hildburghausen, Saxony.

10 Samples of plated metal and silk buttons.—GOTTFRIED HOSTERY, *manu.* Barmen, Rhenish Prussia.—*Agent,* G. A. SCHMIDT, New York City.

11 Snuff boxes of papier-maché.—N. FLEISCH, *manu.* Ensheim.

12‡ Specimens of snuff-boxes and other articles in papier-maché.—ADT, BROTHERS, *manu.* Ensheim, near Zweibrucken, Bavaria.

13 Eau de cologne and Carmelite spirit of Melissa.—The Abbess M. C. MARTIN, *manu.* Coln, Rhenish Prussia.

14 Artificial flowers and leaves; gilt and fancy borders, ornaments, &c.—F. FECHNER, *manu.* Guben, Prussia.

15 Artificial flowers.—MARIE BIEREY, *manu.* Dresden, Saxony.

16 Variety of tin toys.—J. G. JUNKER, *manu.* Breslau.

17 A collection of magnetic toys.—J. M. ISSMAYER, *manu.* Nuremberg, Bavaria.

18 Chess apparatus.—A. J. BECHTNER, *manu.* Nuremberg, Bavaria.

19 A variety of painted pewter toys.—CHRISTOPH AMMON, *manu.* Nuremberg, Bavaria.

20 Toy buildings, models of architecture, games, and other toys.—G. T. PABST, *manu.* Nuremberg, Bavaria.

21 Snuff-boxes, in various styles of painted wood.—P. SCHWENOLD, *manu.* Nuremberg, Bavaria.

22* Toys and fancy articles.—A. FLEISCHMANN, *manu.* Sonneberg, Saxony.

23* Fancy articles and painted toys of tin, iron, and wood.—C. F. GERLACH, *manu.* Naumburg on the Saale, Prussia.

24 Night tapers.—FRANZ J. HERZLE, *manu.* Nuremberg, Bavaria.

25 Samples of night tapers.—FRIEDRICH MOHR, *manu.* Nuremberg, Bavaria.

26 Assortment of compasses and compass dials for land and sea.—FRANZ SCHMIDT, *manu.* Nuremberg, Bavaria.

27 Colored panoramic views and perspective toys of various sorts.—G. P. DISTLER, *manu.* Nuremberg, Bavaria.

28 Boxes of colors and drawing materials.—J. HERMANNSDORFER, *manu.* Nuremberg, Bavaria.

29 Tapers for night lamps, in great variety.—GOTTLIEB KUMMER, *manu.* Nuremberg, Bavaria.

30 Variety of optical toys, panoramas, and perspective boxes, &c.—P. C. KALB, Jr., *manu.* Nuremberg, Bavaria.

31* Cologne.—J. MARIA FARINA, *manu.* 4 Julick's Platz, Cologne.

32 Cologne.—J. MARIA FARINA, opposite George Platz, Cologne.

33 Children's go-carts.—J. M. BLESSING, *manu.* Nuremberg, Bavaria.

34 Cologne.—J. MARIA FARINA, *manu.* opposite Neu Markt Platz, Cologne.

35 Various sets of chess figures.—F. KNAPP, *manu.* Nuremberg, Bavaria.

36 Magic lanterns and various toys.—J. C. BŒHMLANDER, *manu.* Nuremberg, Bavaria.

37 Mechanical toys.—DIPPOLD, *manu.* Nuremberg, Bavaria.

38 Magnetic toys of various descriptions.—K. BIRKEL, *manu.* Nuremberg, Bavaria.

39 Pewter toys, in great variety.—MICHAEL HESS, *manu.* Nuremberg, Bavaria.

40 Cologne.—J. MARIA FARINA, *manu.* opposite Martin's Platz, Cologne.

41 Cologne.—J. MARIA FARINA, *manu.* opposite Julick's Platz, Cologne.

42 Specimens of ivory carvings.—C. ZIENER, *manu.* Nuremberg, Bavaria.

43 Various articles carved in staghorn and ivory.—H. BOSSHADT, *manu.* Nuremberg, Bavaria.

44 Collection of fancy articles in wood.—E. HACKMAN, *manu.* Nuremberg, Bavaria.

45 A variety of meerschaum cigar tubes and pipe bowls.—F. G. BEHL, *manu.* Nuremberg, Bavaria.

46 Metal chess men.—H. M. JAHN, *manu.* Dresden, Saxony.

47 Toilet soaps in fancy designs.—HENRICH DAEHMEL, *manu.* Quaritz, Lower Silesia.

48 Ivory drinking cups and other articles.—J. H. FRIEDRICH, *manu.* Darmstadt, Hesse Darmstadt.

49 Various samples of eau de cologne.—CARL A. ZANOLI, *man* 25 High street, Cologne, Rhenish Prussia.

50 Collection of pewter toys.—G. SÖHLKE, *manu.* Berlin.
51 A variety of crucifixes.—KARCHER & HAAS, *manu.* Carlsruhe, Baden.
52‡ Umbrellas and parasols.—P. WIEDINGER, *manu.* Leipsic, Saxony.
53‡ Portfolios, porte-monnaies, cigar-holders, fuzee boxes, spectacle cases and many fancy articles.—WILLIAM KREBS, *manu.* Berlin, Prussia.
54 Juggler's boxes and various games and toys.—BAUDENBACHER, *manu.* Nuremberg, Bavaria.
55 Eau de cologne.—CARL ANTON ZANOLE, *manu.* 92 High street, Cologne.
56 Samples of eau de cologne.—MARGARETA GRASS, *manu.* Cologne.
57 Composition for hones.—F. A. AUERNHEIMER, *manu.* Reigensburg, Bavaria.
58 Metallic capsules for closing bottles.—L. VETTER, *manu.* Nuremberg.
59§ Artificial flowers in baskets.—ALBERTINE LUDWIG, *manu.* Cassel.
60 A various assortment of toys in tin, iron, brass and papier-maché.—ROCK & GRANER, *manu.* Biberach, Wurtemberg.
61 Chess boards, dominoes, games, &c.—W. HARTMAN, *manu.* Nuremberg, Bavaria.
62 A variety of figures and toys in pewter.—J. A. SCHMIDT, *manu.* Nuremberg, Bavaria.
63 Fancy soaps.—J. S. DOUGLASS & SON, *manu.* Hamburg.
64 Various toys.—C. F. LEISCHNER, *inv. and manu.* Seiffen, Saxony.
65 A variety of counters for whist, &c.—C. H. REUTER, *manu.* Nuremberg, Bavaria.
66 A variety of gutta percha heads and figures.—C. A. RUPPRECHT, *manu.* Nuremberg, Bavaria.
67 Toys in papier-maché, with moving heads.—S. KRAUSS, *manu.* Rodach, Saxony.
68 Variety of toy trumpets in tin and brass.—J. F. HEYDER, *manu.* Nuremberg, Bavaria.
69 Artificial flowers.—G. L. DE LAMBELL, *manu.* Bremen.
70 Artificial flower bouquets in frames by Eberlain.—J. P. VAN DEN HOOP, *manu.* Bremen.
71 Herb and flower essences.—F. W. TRITTAU, *manu.* Hamburg.
72 Walking sticks in great variety.—HARTGAN & HUBE, *manu.* Hamburg.
73 Chess-board with chess-men.—FREDERICK FLEISCHMAN, *manu.* Nuremberg, Bavaria.

CLASS 30.

Musical Instruments.

DIVISION B. COURT 10.

1 Church organ.—F. HECHINGEN, *manu.* Ulm, Wurtemberg.
2 Various musical instruments.—FERDINAND GLIER & SON, *manu.* Klingenthal, Saxony.—*Agents*, KELLER & LINGG, New York City.
3 Variety of brass instruments.—F. PFAFF, *manu.* Kaisirslauter.
4 Seraphine in black walnut case.—P. J. TRAYSER, *manu.* Stuttgard.
5 Musical quartette—violoncello, tenor, and violins, &c.—NEUNER & HORNSTEINER, *manu.* Mittenwalde, Prussian Silesia.—*Agents*, KELLER & LINGG, New York City.
6 A violin.—C. G. HEROLD, *manu.* Klingenthal, Saxony.
7 Physharmonicon.—CHRISTIAN NICKEL, *manu.* Heilbronn, Wurtemberg.
8 Various wind instruments.—CARL RUHLMANN, *manu.* Rudolstadt, Thuringia.
9 Bass and stringed instruments. Brescian counter bass and violoncello, bass viol, violins, guitar, &c., &c.—GEO. & AUG. KLEMM, *manu.* Neukirchen, near Adorf, Saxony.

10 Various musical instruments.—KUHLEWEIN & TETZNER, *manu.* Hamburg.
11* Musical instruments for brass bands.—C. KLEIN, *manu.* Mentz-on-the-Rhine.
12 Ophicleide and trumpets.—G. M. PFAFF, *manu.* Kaiserslautern-on-the-Rhine, Bavaria.
13 Zebra-wood grand piano-forte.—M. GEHDE, *manu.* Ratisbon, Bavaria.
14* Samples of German and Italian strings for musical instruments.—G. PIRAZZI & SONS, *manu.* Offenbach-on-the-Maine.
15 Clarionet and flute.—C. G. ZENKER, Jr., *manu.* Adorf, Saxony.
16 Violin.—ERNST KLOSS, *manu.* Bernstadt, Prussian Silesia.
17 Specimens of music-strings, &c.—CARL W. WEISS, *manu.* Gunzenhausen, Bavaria.
18 A variety of musical instruments.—M. SCHUSTER, *manu.* Neukirchen-on-the-Rhine.
19 Bass tuba, trumpet, and piccolo in C.—CHRISTIAN LESCHORN, *manu.* Cassel, Hesse Cassel.

CLASS 31.

Fine Arts, Sculpture, &c.

[CHIEFLY IN SOUTH NAVE.]

1 The Amazon in bronzed metal.—Professor KISS, *sculp.* Berlin. [Near the centre.]
2 Statue in bronze, from Canova's Hebe.
3 Statue in bronze of Niobe, from the antique.
4 Statue in bronze of "Adoration," from the antique.
5 Statue in bronze of "Eve," from the antique.
6 Statue in bronze of "Hope," by Thorwaldsen.
7 The Basket Carrier in bronze.
8 Group, in bronze: Boy and Girl with Dogs.
[Numbers 2 to 8 inclusive are contributed by GEISS, brass founder, Berlin.]
9 Shepherd attacked by a Leopardess, group in bronze, by Geiss.—JULIUS FRANZ, Berlin.
10 The Pet Parrot, in bronze.—THEODORE VOLLGOLD, *sculp.* Breslau.
11 Marble statue of "Hebe," after Canova.—C. LAZZERINI, *sculp.* residing at Rome.
12 A Danaide, in marble.—CARLO BARRATA, *sculp.* residing at Rome.
13 Marble bust of Amazon.
14 Bust of Queen Victoria.—CARLO BARRATA, *sculp.*
15 Colossal bust of Christ, in grey stone.
16 Statue of the Fisherman's Daughter.
Two works by CARL STEINHAUSER, *sculp.*
17 Luther before the Diet at Worms, in crayon.—C. J. KUNZE, *artist,* Mentz.
18 Large collection of Views in Ethiopia, by Bernatz.—DIETRICH REIMER, *pub.* Berlin.
19 Royal Picture Galleries of Munich, in two vols.—PILOTTI & LÖHLE, Munich.
20 Engraving on steel of Columbus in Prison.—C. SCHREGER, *exhib.* Berlin
21 & 22 Norwegian Landscapes.—C. RUELBERG, *artist.*

BELGIUM.

DIVISION C. COURTS 6 AND 7.

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Samples of ultramarine blues and white lead.—EUGENE BRASSEUR, *manu.* Ghent.

2 Sulphate of copper (blue vitriol), sulphate of iron (green vitriol), sulphate of zinc (white vitriol), and other chemical productions.—J. B. CAPPELLEMANS, Sen., DEBY & Co., *manu.* Brussels.

CLASS 3.

Substances employed as Food.

1 Samples of candied and other sugars.—CLAUS & CARON, *manu.* Ghent (East Flanders).—*Agents*, HERCKENRATH & VAN DAMME, 29 Beaver street, New York City.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

1 Rape oil, purified for burning.—LOUIS CLAUDE, *prod. & manu.* Brussels, Belgium.—*Agent*, CAYLUS.

2 Specimens of starch.—J. C. VAN GEETERUYEN, *prod.* Hamme (East Flanders).

CLASS 5.

Machines, &c.

1 Stocking knitting machine.—JACQUIN, *inv. and manu.* Brussels.

CLASS 6.

Machinery, &c.

1 Notarial and seal press with specimens of seals.—CORNEILLE WYNANTS, *manu.* 5 Rue Van Dyck, Brussels.—*Agent*, CAYLUS.

2 Horizontal and perpendicular mill-stones.—E. DE ST. HUBERT, *manu.* Bouvignes, Namur.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

1 Specimens of all descriptions of fire-arms, including fowling-pieces, muskets, carbines, pistols, &c.: sabres and military armament.—J. AUG. PETRY, *manu.* Liège, Belgium.
2 Variety of fire-arms.—FRANÇOIS SCHEPERS, *manu.* Liège, Belgium.
3 Rifles, guns, pistols, and percussion-caps.—FALISSE & TRAPMANN, *manu.* Liège, Belgium.
4 Eight double-barrelled guns.—J. P. L'HONNEUX, *manu.* Liège, Belgium.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

1 Grain moistener—apparatus for moistening all kinds of grain; patented in Belgium, France, and England.—ULRIC DE BEAUNE, *inv.*—*Agent*, E. GEERTS, 115 Grand street, New York City

CLASS 11.

Manufactures of Cotton.

1 Samples of cotton yarns.—GUEQUIER & Co., *manu.* Ghent.

CLASS 12.

Manufactures of Wool.

1 Specimens of various woollen fabrics.—MICHEL DE KEYSER, *manu.* 10 Rue St. Cristophe, Brussels, Belgium.—*Agent*, E. CAYLUS, 155 William street, New York City.
2 Specimens of fine broadcloths of various colors.—JUAN SIMONIS, *manu.* Verviers, Belgium.
3 Cloths.—VERDURE BERGÉ, *manu.* Tournay.

CLASS 14.

Manufactures of Flax and Hemp.

1 Specimens of canvas.—MOERMAN VAN LAERE, *manu.* Ghent.
2 Specimens of hemp bagging and carpets.—P. BONGARTS, *manu.* Antwerp.
3 Samples of undressed thread.—J. B. JELIE, *manu.* Alost.

CLASS 15.

1 Pantaloon stuffs.—SCHMIDT & Co., *manu.* Brussels.
2 Shawls and plaids for dresses.—DE MOOR MUYS *manu.* Lookeran.

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

1 Specimens of varnished coach and harness leathers.—L. JOREZ, Jr., *manu.* Brussels.

2 Muffs and pelerines; natural and dyed skins.—EDWARD DUCHAUSSOIT, *manu.* Ghent, Belgium.

3 Specimens of dyed and printed skins.—JOSEPH J. DEWEWEVRNE, *manu.* Ghent, Belgium.

4 Horse-hair and aloe-fibre stuffing for furniture, &c.; aloe-fibre stuff of two surfaces; table-cloths, prepared hog bristles, &c.—BENOIT HANSENS-HAP, *manu.* Vilvorde, Brabant, Belgium.

5 Carpets made of cow's-hair; samples of fine leather, boot fronts, &c.—ALEX. BOUVY, *manu.* Liège.

CLASS 17.

Paper and Stationery, Types, Printing, and Bookbinding.

1 Samples of writing and printing papers.—VAN HEMELRYK, *manu.* Hal, near Brussels.

2 Illustrated books.—GYSELINK, *pub.* Ghent.

3 Illustrated books.—MURQUARDT, *pub.* Brussels.

CLASS 19.

Tapistry, &c.

1 Embroidered lace flounce, scarf, berthe, &c.—A. BERENHART & Co., *manu.* Antwerp.—*Agents*, LEWIS RITZ & Co., New York City.

2 Brussels lace fabrics.—SOPHIE DUFRENNE, *manu.* Brussels.—*Agents*, BOURRY D'IVERNOIS & Co., New York City.

3 Tapestry carpeting.—V. BERGÉ, *manu.* Tournay.

4 Lace fabrics.—GENICOT DE MAN, *manu.* Antwerp.

5 Lace fabrics.—JULIE EVERLART, *manu.* Brussels.

CLASS 20.

Wearing Apparel.

1 Woollen and cotton hose, night caps, &c.—SCHMIDT, GOLDENBURG & Co., *manu.* Liège.

2 Nymph corsets.—MME. BERGER, *manu.* Brussels.

CLASS 22.

1 Snuffers, bullet moulds, and other hardware.—J. A. PETRY, *manu.* Liège.

2 Wrought iron nails and spikes of various kinds.—MAQUINAY BROTHERS & Co., *manu.* Liège.

3 Wrought iron nails and spikes.—H. CHAUDOIE & SON, *manu.* Liege.

4 Sheet zinc.—LAMARCHE, *manu.* Brussels.

5 Sheet iron.—DELLOY & Co., *manu.* Huy.

CLASS 27.

1 Specimens of fire brick ornaments, drain pipes, &c.—SMAL-WERPIN, *manu.* Huy.
2 Engraved slab of black marble.—REQUILE BROTHERS, Brussels.

CLASS 28.

1 Brushes for military, railway, and other purposes.—H. SOMZÉ-CADET, *manu.* Liège.
2 Brushes and broom heads of various kinds.—B. MALAISE, Jr., *manu.* Liège.

CLASS 29.

1 Canes of carved wood.—DEJONGHE, *manu.* Brussels.

CLASS 30.

1 Cabinet upright pianoforte, and mechanical table pianoforte.—MATHIEU LACROIX, *manu.* Verviers.—*Agent*, M. J. FASSIN, 25 Broadway, New York City.

CLASS 31.

Fine Arts, &c.

1 Veiled head.
2 A sleeping Cupid.
3 Psyche reposing.
4 Bust of Prayer.—DEBOCKELEER, *sculp.* Antwerp.
5 Statue of Venus and Cupid.
Four works, modelled in plaster.—C. A. FRAIKIN, *sculp.* Brussels.
6 Two children sleeping—group in marble.—GME GEEFS, *sculp.* Brussels.
7 Bas-relief and medallions in bronze.—WEINER, Brussels.

FRANCE.

CLASS 1.

[See note to this class in the United States, page 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

DIVISION C. COURT 22.

[The party to whose number in any class, a star (*) is affixed, is represented in the United States by Mr. EDWARD STAINER.]

1* Various drugs and pharmaceutical extracts.—MENIER & Co., *manu.* 37 Rue St. Croix de la Brettonniere, Paris.

2 Specimens of oxyd of zinc.—LEFEVRE, Sen. Nantes, *manu.* Loire Inferieure.

3 Specimens of Paris green.—C. CAMUS, *manu.* 2 Rue Barbette, Paris.

4 A variety of colors.—H. VALLIE, *manu.* Paris.

5* Powder for fermenting.—CARTON EECKMAN, *manu.* 10 Rue St. André, Lille, Nord.

6 Various specimens of colors and varnishes.—LOUIS VIARD, 128 Rue St. Martin, Paris.

7 Specimens of unalterable pills of the iodide of iron.—H. BLANCARD, 51 Rue de Seine, Paris.

8 Samples of ultramarine and azure blue.—BONZEL BROTHERS, *manu.* Haubordin, Nord.

9 Specimens of mastic Serbat.—L. SERBAT, St. Saulve, Nord.

10 Pectoral syrup and pastels.—REYNAL & Co., *manu.* (successors of H. FLON), 32 Rue Taitbout, Paris.

11* Flagons of artificial ultramarine blue, applicable to the fine and industrial arts.—J. B. GUIMET, *manu.* 9 Place des Carmes, Lyons, Rhone.

12* Extracts of various dye woods, for calico printing.—A. MICHEL, *manu.* 9 Quay National, Puteaux, Seine.

13 Samples of artificial ultramarine, blue, and green.—ZUBER & Co., *manu.* Rixheim, Haut Rhin.

14 Samples of various colored madders, for dyeing silks and satins, invented by SCHWARTZ.—THOMAS BROTHERS, *prop.* Avignon.

15* Specimens of "Brocchieri Fluid," with examples of its effects upon the blood of animals.—P. BROCCHIERI, *pat. and manu.* 21 Rue Louis-le-grand, Paris.

16 Pectoral paste (à la reglisse).—M. GEORGÉ, *druggist*, Paris.

CLASS 3.

Substances Employed as Food.

DIVISION C. COURT 21.

1 Samples of wheat.—LEROY-DUBOIS, *prop.* Illies, Nord.

2 Decorated chocolate of various descriptions.—PERRON, *manu.* 14 Rue Vivienne, Paris.

3 Superfine chocolate; pearl and shelled barley and gruel.—MENIER & Co., *manu.* 37 Rue St. Croix de la Brettonniere, Paris.

4 Alimentary preserves (French cooking).—GREMAILLY, Sen., Hotel du Sauvage; Gray, Haute-Saone.

5 Specimens of sardines in oil, and truffes.—B. BASSET, La Rochelle, Charante Inferieure.

6 Specimen of preserved food.—ROEDEL & SONS, Bordeaux, Gironde.

7 A variety of alimentary preserves.—J. FITON, Sen., 43 Rue St. Catharine, Bordeaux, Gironde.

8 A large variety of specimens of preserved meats, vegetables, game, and choice fruits.—DUCHEMIN, Jr., 21 Rue Royale, Tours, Indre-et-Loire.

9 Preserved fruits, of various sorts.—ROUSSEAU, 14 Rue Quincampoix, Paris.

10 Bottles and boxes of alimentary preserves.—A. & E. PELLIER, Mans, Sarthe.

11 Boxes of sardines in oil, and various other alimentary preserves.—AUG. GILLET, Kneval, Morbihan.

12 Samples of coffee and chicory, in powders, cakes, and lozenges.—BONZEL & E. HOURRIEZ, *manu.* Haubourdin, near Lille, Nord.

13 Specimens of butter.—JEANCLOUDE & Co., Paris.—*Agent*, J. P. BRUNEMAIRE.

14 Specimens of chocolate.—C. CHOQUART, *manu.* 12 Rue de Rivoli, Paris.

15 Preserved roasted and stuffed mutton, and other alimentary preserves.—CHEVALIER APPERT, *manu.* 15 Rue des Trois Bornes, Paris.

16 Six jars of preserved potatoes.—E. BERGERET & Co., Roanne, Loire.

17 Samples of prepared chocolate.—MAUPRIVEZ, *prod.* Cressy, near Compiégne, Seine.

18 Samples of desiccated vegetables of various sorts, and solidified milk.—CHOLLET & Co., 5 Rue Marbeuf, Paris.—*Agent*, W. M. ABBATT, 29 Burling slip, New York.

19 Flacons of mustard, in the seed and manufactured for use.—P. JACQUEMIN, *prod.* Meursault, Cote d'Or.

20 Mustard, vinegar, and pickles.—BORDIN, *manu.* 20 Rue des Juifs, Paris.

22 Rheims biscuits; dried pastry, and gingerbread.—SIGAUT, *manu.* 23 Rue de la Vieille Monnaie, Paris.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

DIVISION C. COURTS 21 & 22.

1 Albumen of eggs, employed to fix the ultra-marine blue in calico printing. —H. ALLEON-CANSON, Annonay, Ardeche.

2 White and yellow raw silk.—J. VINCENT, *silk-spinner*, Valleraugne, Gard.

3 Raw and thrown silk, and silk cocoons.—J. BONNETON, *silk-throwster*, St. Vallier, Drôme.

4* Raw silk in hanks.—J. L. NOGAREDE, *prod.* St. Jean du Gard.

5 Raw silk and cocoons.—G. L. AFFOURTIT, *prod.* Courbessar, Gard.

6 Purified oil for watches, fine machinery, and fire-arms.—F. JOLLY, *manu.* Mer, Loire and Cher.

7 Specimens of white and yellow raw silk.—E. DE TILLANCOURT, *prod.* 85 Rue de Chaillot, Champs Elysées, Paris.

8 Silk worm eggs and cocoons.—NICOD (widow) & SON, *manu.* Annonay, Ardeche.

9 Hare and cony fur for hats.—BOULAT, Jr., 1 Rue du Figuier St. Paul, Paris.

10* Raw silk of cocoons from Liban.—J. B. RESSEGAIRE, *prod.* St. Ruf, near Avignon.

11 Fleeces of rams raised in France.—GODIN, Sen., *prod.* Chatillon-sur-Seine, Cote d'Or.

12 Fleeces of wool of great fineness, produced by a peculiar variety of merino sheep.—J. L. GRAUX, *prod.* Berry au Bac, Aisne.

13* Specimens of peeled flax.—LECAT BUTIN, *prod.* Bondues, Canton de Tourcoing.

14* Specimens of flax, raw and peeled.—LEROY-DUBOIS, *prod.* Illies, Nord.

15* Carriage varnish.—P. POMMIER, *manu.* 22 Rue Veuve Coquenard, Paris.

16 Various kinds of varnish for carriages, furniture, and the fine arts.—B. LE FEVRE, *manu.* 109 Rue Montmartre, Paris.

17 Varnishes for leather, woods, and metals, for oil and water-color paintings. —SOEHNEE, BROTHERS, *manu.* 8 Cité de Waux Hall, Paris.

18 Starch, fecula, and gums, made use of in calico printing.—JAMES J. STEINBACH, Petit Quevilly, near Rouen, Seine Inférieure.

19 Samples of madder root and prepared powder.—FAURE & ESCOFFIER, *manu.* Avignon, Vaucluse.

CLASS 5.

Machines for direct use, including Steam, Hydraulic and Pneumatic Engines, and Railway and other Carriages.

1* Carriage for gala days.—ALEXIS MOUSSARD, *manu.* 58 Avenue Montmartre, Paris. [West nave.]

2 Machine for setting and distributing type.—A. DELCAMBRE, Paris.—*Agent*, E. LABRASSEUR, 38 Beach street, New York. [Machine Arcade.]

CLASS 6.

Machinery and Tools for Manufacturing Purposes.

DIVISION C. COURTS 27 & 28.

1 Specimens of detached pieces of spinning machines.—C. PUGEOT & Co., *manu.* Audincourt, Doubs.

2* Millstones from Nevers quarries.—MONTCHARMONT, *prod.* La Fermeté, near Nevers, Nievre.

3 Soda water apparatus.—MONDOLLET, BROTHERS, *manu.* 94 Rue du Chateau d'Eau, Paris.

4* Two cylinders for grinding emery.—T. DUBUS, Sen., 58 Route de Caen, Rouen, Seine Inférieure.

6 Rollers, straps, and frames, for lithographic and copper-plate printing, &c. —C. SCHMAUTZ, Sen., *manu.* 5 Rue de Cherche, Midi, Paris.

7 A variety of burr stones.—ROGER, Jr., *manu.* La Ferté sous Jouarre, Seine and Marne.

8 Novel machines, made of sheet iron, galvanized, or of copper, for bleaching linen; ice cream churns, water and wine coolers, and knife cleaners.—CHARLES & Co., *manu.* 7 Rue Furstemberg, Paris.

9 Various samples of millstones for grinding all sorts of grain.—GAILLARD, Jr., *prod.* La Ferté sous Jouarre, Seine and Marne.

10 Machine to measure the hand for gloves.—JOS. SENECHAL, *inv.* Grenoble.

11 Apparatus for making effervescent water.—J. VILLIET, Sen., *manu.* 25 Boulevard du Temple, Paris.

CLASS 7.

Civil Engineering, Architectural, and Building Contrivances.

1* Designs for churches.—H. DURAND, *des.* Bayonne, B. Pyrénées.

2* Model in wood of a machine used in the construction of factory chimneys. —A. J. TORDEUX, *des.* Cambrai, Nord.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

DIVISION C.

1 Double-barrelled fusil in platinum.—HOULLIER-BLANCHARD, *manu.* 36 Rue de Clery, Paris.

2* Side arms and sabres.—COULAUX, SEN. & Co., *manu.* Molsheim & Klingenthal, Bas Rhin.

3 Specimens of damask double-barrels for hunting.—REBAUD-MONTILLIER, *manu.* St. Etienne, Loire.

4 Pair of pistols.—PRELAT, *manu.* Paris.

5* Model of a steamboat.—A. FAULON, *des.* 6 Cité Odiot, Paris.

CLASS 9.

Agricultural, Horticultural and Dairy Implements.

DIVISION C.

1 Five mechanical churns.—AMEDEE DESIRE LAVOISY, *inv.* 180 Rue Montmartre, Paris.

2 Model of a French kneading trough on the Rolland system; model of a hot-air oven on the same system.—LESOBRE & Co. (Directors of the Bread Making Association) *manu.* 17 Rue de l'Estrapade, Paris.

3* A great variety of scythes, pruning knives, garden shears, hoes, rakes and other horticultural implements.—COULAUX & Co. *manu.* Molsheim, Bas-Rhin.

4 Assortment of scythes, sickles and shovels.—CHALEYER, *manu.* Firming, near St. Etienne, Loire.

CLASS 10.

Philosophical Instruments and Products resulting from their use; including Horological and Surgical Instruments and Appliances.

WEST GALLERY.

1 Clocks mounted in porcelain and gilded bronze.—LAHOCHE, *manu.* Palais Royale, Paris. [Court 12, Division C.]

2 Patent French balances.—BERANGER & Co. *manu.* Lyons.

3 A variety of astronomical instruments for the navy.—F. VEDY, *optician*, 52 Rue de Bondy, Paris.

4 Three frames containing topographical drawings.—J. COSQUIN, 71 Rue des Cherche Midi, Paris.

5 Pentograph, upon a new system.—ADRIEN GAVARD, *engineer*, Paris.

6 Maps and plans of Switzerland and vicinity, and of Constantine, in Algeria.—T. T. DELSOL, *engraver*, 2 Rue Casimir Perrier, Paris.

7 Hydrographic engravings—maps, plans and charts of the French coast and other regions.—C. E. COLLIN, *engraver*, 7 Quai Conti, Paris.

8 Microscopes on the English plan, with six eye-glasses, and micrometer, camera lucida and polariscope adjustments; prepared objects, and various appliances.—MIRAND SEN. *manu.* 59 Rue St. Jacques, Paris.

9* A frame containing photographic illustrations of various subjects.—EVRARD BLANQUART, *inv. and prod.* Lille, Nord.

10 Surgical apparatus and appliances of vulcanized Indian-rubber.—VARNOUT & GALANTE, 28 Place Dauphine, Paris.

11 Mechanical birds in groups, &c.—BONTEMS, Paris.

12 Optical glasses.—RENGARS, *manu.* Paris.

13 Miscroscopes of various descriptions.—NACHET, *manu.* 16 Rue Serpente, Paris.

14 Microscopes, telescopes, and optical glasses.—A. LEBRUN, *manu.* St. Pierre le Bitry, near Paris.

15 Large collection of philosophical apparatus.—DUBOSCQ-SOLIEL, *manu.* 21 Rue de L'Odeon, Paris.

16* Ornamental clocks in gold, bronze, &c.—LEROLLES, BROTHERS, *manu.* 1 Chaussée des Minimes, Paris. [Court 12, Division C.]

17 Spectacles and dials.—JACQUEMIN & BROTHER, *manu.* Morez, Jura.

18* Clock with a new system of striking mechanism.—LEREOUX BOUILLY DE VAUVERS, *manu.* Cancale, Ille and Vilaine.

19 Optical glasses.—LEMAIRE, *manu.* Paris.

20 Small skeleton clocks and alarm clocks.—V. A. PIERRET, *manu.* 21 Rue des Bons Enfans, Paris.

21 Springs for clocks, watches, mechanical lamps, musical boxes, &c.—J. H. MONTANDON, Jr., *manu.* Paris.

22 Assortment of clocks and time-pieces, mounted in bronze, gilded bronze and marble, and with glass cases.—DUPLAN & SALLES, *manu.* 32 Rue de Bondy, Paris. [Court 12, Division C.]

23 Three musical clocks, ornamented with trees and flowers, among which are mechanical singing birds and butterflies in motion.—ALEX. MINAL, *manu.* 29 Rue de l'Echéquêr, Paris.

24* A bronze gilt clock with astronomical appliances.—FOUQUE, Sen., *manu.* Paris.

25 Hernia trusses and orthopedic bandages.—HENRI BIONDETTI, *manu.* 48 Rue Neuve Vivienne, Paris.

26 Surgical instruments of various descriptions, in a library case.—CHARRIERE, Jr., *manu.* 6 Rue de l'Ecole de Medicine, Paris.

27 Surgical instruments.—AMATUS LUER, *manu.* 18 Place de l'Ecole de Medicine, Paris.

CLASS 12.

Manufactures of Wool.

DIVISION C. COURTS 18 & 19.

1 Superfine cashmeres of all colors.—A. ROUQUES, *manu.* Clichy la Garrenne, near Paris.

2 Specimens of table covers.—FANFERNOT & DULAC, *manu.* Belleville, Seine.

3* Specimens of broadcloths, kerseymeres and satins.—M. PARET, *manu.* Sedan, Ardennes.

4* Samples of woollen cloths.—J. MARECHAL & SISTER, *manu.* Sedan.

5 Various specimens of felt cloth, and pianoforte felt.—FORTIN BOUTELLIER, 24 Rue du Moulin, Beauvais, Oise.

6 Specimens of fine kerseymere cloths; zephyr cloths, of various colors.—J. G. DIETCH & Co., *manu.* Strasburg, Bas-Rhin.—*Agent,* F. A. REICHARD, 62 Clinton place, New York City.

7 Specimens of woollen and worsted yarns.—SENTIS, SON, & Co., *woolspinners,* Rheims, Marne.

8 Samples of fine black and blue Amazon cloth.—CHENEST & BUISSON, *manu.* Bischeville, Bas-Rhin.—*Agent,* F. A. REICHARD, 62 Clinton place, New York City.

9 Woollen scarfs and wool in skeins.—E. WARMONT, *dyer,* Neuilly sur Seine.

10* Samples of woollen fabrics, and shoes for sailors.—JACQUES AMOS, *manu.* Wasselonne, Bas-Rhin.

11 Specimens of fine cassimere.—PAUL BACOT & SON, *manu.* Sedan, Ardennes. —*Agents,* F. DERBY & Co., Park place, New York City.

12 Blue Napoleon cloth, and bronze-colored cloth.—JULES JUHEL DESMARES, *manu.* Vire, near Lyons.

13 Various specimens of cassimeres and vestings.—LEGRIX & BRUYANT, *manu.* Rue de l'hospice Elbeuf.

14 Rich satin cloths of various colors.—WATTINE-PROUVOST, *manu.* Roubaix, Nord.—*Agent,* PAUL HUA, 621 Broadway, New York City.

15 Mousselin de laines.—HOFER GROSJEAN, *manu.*—*Agent,* LANE, LAMSON & Co., New York City

CLASS 13.

Manufactures of Silk and Velvet.

DIVISION C. COURT 23.

1 A variety of fancy stuffs for ladies' hats.—A. DONAT & Co., *manu.* Lyons, (Rhone).

2 Silk plush for hats.—A. HUBER & Co., 2 Rue du Braque, Paris.

3 Samples of silk and velvet ribbons.—THEODORE MICHELIN, *manu.* 139 Rue Montmartre, Paris.—*Agents,* WALSCHEILD & WECKBECKER, 31 Liberty street, New York City.

4 Samples of silk buttons, of various kinds, sewed upon satin.—HENRY GRELLOU, 84 Rue Rambuteau, Paris.

5 Samples of white and yellow raw silk; unbleached silk; cloth for bolting flour.—V. BONNAL & Co., *silk throwster,* Montauban, Tarn & Garonne.

6 Samples of patent silk buttons.—F. J. LEBLOND, *manu.* 12 Rue Mauconseil, Paris.

7 Striped velvets, watered taffetas, black velvets, watered galoons, embroidered velvets, trimmings, &c.—PROSPER BOGGIO & Co., *manu.* St. Etienne.

8 Rich dress silks, of various descriptions, watered, colored, and embroidered.—MAUPIN, GIRARD & HOUDARD, *manu.* Lyons.

9 Samples of sewing, embroidery, and netting silks, of all shades.—EDOUARD CHILLIAT, 127 Rue St. Denis, Paris.

10 Specimens of white, cherry, azure, and rose-colored Florence silks; specimens of ruby, black, white, and rose-colored satins.—THOMAS, BROTHERS, *manu.* Avignon.

11 Specimens of purple, violet, maroon, and black velvets; dressed velvets; black serge.—MUSY & GALTIER, 2 Place Croix Paquet, Lyons.

12 Plain silks, tartan silks, silk muslins, crapes, tulles, &c.—MONTESSUY & CHOMER, *manu.* 25 Place de la Comédie, Lyons.

13 Velvet stuffs and ribbons.—BROSSE & Co., (Association of Velvet Workers), 1 Rue de Lorrette, Lyons.

14 Rich silk goods.—A. T. STEWART & Co., *imp.* New York City.

15 French embroidered silks.—EDWARD LAMBERT & Co., *imp.* New York City.

CLASS 14.

Manufactures of Flax and Hemp.

DIVISION C. COURT 24.

1* Specimens of spun flax.—EMILE JOYEUX.

2* Specimens of flat rope for use in coal mines, and in stone quarries.—L. LEBEL, *inv. & manu.* Soissons, Aisne.

3 Specimens of white damask thread table cloths, napkins, and doyleys.—GRASSOT & Co., *manu.* Lyons, Rhone.

4 Linen fabrics.—cambric and lawn.—DELAME LELIEVRE & SON, *manu.* Valenciennes, and 10 Rue de Sentier, Paris.

5 Linen fabrics, cambrics and lawns.—N. BONIFACE & SON, *manu.* Cambray, Nord.

6 Various specimens of cambrics and lawns.—BERTRAND, BROTHER & VILLIAN, 32 Rue des Jeuneur, Paris.

7* Various specimens of cordage, for ships, shrouds, footropes, rigging, &c., made upon a new system.—LOUIS, BLAIS Jr., LETELLIER & Co., *manu.* Havre.

8 Specimens of linen cambrics, clear lawns and fine yarns.—HOLLAND & DUBOIS, *manu.* Valenciennes.

10 Specimens of hemp rope.—MERLIE, LEFEVRE & Co., *manu.* Ingouville, Seine Inferieure.

11 Specimens of steam-dressed flax.—SCRIVE, BROTHERS, *manu.* Lille, Nord.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, &c.

DIVISION C. COURTS 18 & 19.

1* Imitation blond veils, scarfs, mantillas, robes, and various other fabrics.—NICHOLAS AUBERT, Sen., *manu.* 3 Rue Romarin, Lyons.

2* Plain cotton fabrics, dyed Turkey red; shawls and handkerchiefs of the same color.—CHARLES STEINER, *manu.* Ribeauville Haut-Rhin.

3 Various styles of shawls.—H. HENNEQUIN & Co., *manu.* 19 Rue de Clery, Paris.

4 Specimens of fine square and long cashmere shawls of various colors.—SIROT & Co. *manu.* 7 Rue des fossés-Montmartre, Paris.

5 Silk and worsted fabrics.—M. DUCHY, *manu.*

6 Shawls and patterns for shawls.—E. HARTWECK, *manu. & des.* 27 Rue du Mail, Paris. [Gallery.]

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

WEST GALLERY.

1 Varnished calf-skins, for carriages, and for boots and shoes.—J. GAUTHIER, *manu.* 4 Rue du Faubourg, Montmartre, Paris.

2 Various samples of leather; a broad band for gearing machines.—PLACIDE PELTEREAU, Jr., *manu.* Chateau-Renault Indre and Loire.

3 Various specimens of tanned and curried hides.—DEZAUX LACOUR, *tanner & currier,* Guise, Aisne.

4 Black and yellow calf-skins.—A. PRIN, Sen., *manu.* Nantes.

5 Calf-skins.—A. PETIT DIDIER, *tanner,* St. Die.

6* Various specimens of leather for carriages and harness.—GERARD, *manu.* Epinal.

7 Tanned calf-skins.—H. SUSER, *tanner & manu.* Nantes, Loire Inferieure.

9 Various specimens of leather and of fine moroccos.—BAYVET, BROTHERS, *manu.* 16 Rue Mauconseil, Paris.

10 Specimens of black and colored calf-skins for boots and shoes, and for saddlers, coach and harness-makers, embossed and gilded leathers.—E. COURTOIS, *tanner,* 13 Faubourg Montmartre, Paris.

11 Calf-skins dressed.—ED. DIETZ, Bar, Bas-Rhin.

12 Superfine glove leathers.—T. TEXIER, Jr., *glover,* Niort Deux Lévres.

13 Varnished leathers of various kinds and colors.—L. DEADDE, *manu.* 12 Rue Tiquettone, Paris.

15 Calf-skins and dressed leathers.—SOUCIN CORBET, *tanner,* Chaumont, Haute-Marne.

17 Patent tanned and dressed leathers.—CH. KNODERER, Rue des Dentelles, Strasburg, Bas-Rhin.

18 Varnished calf-skins; superfine grained skins.—A. HOUETTE & Co., *tanners*, 27 Faubourg Montmartre, Paris.

19 Specimens of dressed calf-skins.—MORIDE & RAUX, *tanners*, Nantes.

20 Specimens of white polished and varnished calf-skins.—FEBVRE GAUDELET, *tanner*, 19 Rue des Tanneries, Dijon.

21 Dressed russet and black calf-skins; boot-tops.—C. GALIBERT, *tanner*, Milhau, Aveyron.

22 Specimens of varnished calf-skins.—DELON ALBOY, *manu.* Faubourg St. Denis, Paris.—*Agents*, EDWARDS & SMALL, New York City.

23 Specimens of fine dressed calf-skins and boot-tops.—MANSON, *manu.* Nantes, Loire Inferieure.—*Agent*, VICTOR FLEURY, 7 New street, New York City.

24 Samples of superfine japanned leather.—NYS & Co., *manu.* 132 Faubourg du Temple, Paris.

25 Dressed calf-skins.—CHANEY & BOUCHET, *manu.* Paris.—*Agent*, EDWARD BOSSANGE, New York City.

CLASS 17.

Paper and Stationery; Types, Printing and Bookbinding.

DIVISION C. COURT 20.

1 New and patent style of typographical characters with bearing blocks, vignettes, &c. Brass type for the use of bookbinders.—P. GAUTHIER, Jr., Type Founder, 14 Rue de la Parchemenirie, Paris.

2 Rich and varied specimens of chromo-lithographic printing; specimens of fine printing upon thin sheets of wood.—BARBAT, Chalons.

3 Various samples of gelatine or glazé paper.—PAUL CASTELLE, *manu.* Paris.

4 Ornamented note paper and envelopes; papetérie and fancy stationery.—A. MARION & Co. *manu.* Paris.—*Agents*, SMITH & PETERS, 100 John street, New York City.

5 Metallic pens of different kinds.—BLANZY, POURE & Co. *manu.* Boulogne-sur-Mer.

6 Specimens of typography.—CHARLES ROUSSEL, *printer*, Besançon.

7* Various specimens of inks.—F. L. MANGIN, *manu.* Bruyeres, Vosges.

8 Specimens of printing, exhibited in five volumes.—T. A. DEROSIERS, Monlins.

9 Gilt lithographed and colored papers, fancy borders, and a variety of paper ornaments.—VANDENDORPEL, Jr., *manu.* 3 Rue Chapon, Paris.

10 Various specimens of printing in colors, and in gold and silver.—ERNEST MEYER, *printer*, 3 Rue de L' Abbaye, Paris.

11 Various samples of portfolios.—C. STEGMUELLER, 41 Rue Rambuteau, Paris.

12 Specimens of envelope papers.—C. G. DE SERLAY, *manu.* Gueurs, Seine Inferieure.

13 Stereotype made of papier maché, much used in the French libraries.—ALEX. CURMER, *stereotyper.* 13 Rue des Marais, St. Germain, Paris.

14 An assortment of metallic punches for printing Javanese characters and German script. Frames containing various specimens of typography.—F. B. LŒULLIET, *engraver*, 7 Rue Poupée, Paris.

15 Samples of straw and packing pasteboards.—F. DEUSY & Co, *manu.* 19 Rue des Juifs, Paris.

16 Drawing papers of all descriptions. Bristol boards, fine letter paper.—BLANCHET, BROTHERS & KLEBER, *manu.* Rives, Isere.—*Agent*, WILLY WALLACH, 139 William street, New York City.

17 A work entitled, "Essai pratique d'Imprimerie." (Practical Essay on Printing).—PAUL DUPONT, 45 Rue Grennelle, St. Honoré, Paris.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle work.

WEST GALLERY.

1 Five pieces of tapestry, from the IMPERIAL MANUFACTORY OF THE GOBELINS, Paris.—*Agent*, ELOY. [Court 6, Division C.]

2 Seven pieces of tapestry, from the IMPERIAL MANUFACTORY OF BEAUVAIS, Picardy.—*Ageut*, ELOY. [Court 6, Division C.]

3 Thread lace counterpane, lace shawls, scarfs, flounces, collars, coiffures, blond mantles, &c.—AUG. LEFEBURE, *manu.* Bayeux Calvados, and 42 Rue de Cléry, Paris.

4 Coach and livery lace.—GUILLEMOT, BROTHERS, *manu.* Meulan, Depôt, 88 Rue Neuve des Mathurins, Paris.

5 Samples of tapestry for chairs, footstools, fauteuils, and rich embroideries in various styles.—MORGAT, *manu.* 30 Rue de Rivoli, Paris.

6 Embroidered gauze tissues for curtains, robes, &c.—BRIN LALAUX, *manu.* Homblieres, near St. Quentin.

7 Carpets and tapestry; coarse and fine moquette, curtain, and panel.—REQUILLART ROUSSELL & CHOCQUEEL, *manu.* Tourcoing, Nord; and 20 Rue Vivienne, Paris.

8 Delicate embroideries in gold and silver.—M. MILOT, 98 Rue St. Honoré, Paris.

9* Specimens of carpets, rugs, footmats, and table-covers.—LECUN & Co. *manu.* Nimes, Gard.

10 Samples of improved embroideries.—Madame CHANCEREL, *manu.* Schamberg, Vosges.

11 A variety of new fabrics for vests.—M. COLONDRE, *manu.* 35 Rue Bourbon Villeneuve, Paris.

12 Carpets and tapestry.—RINGUET, *manu.* Paris.

13 Two portraits of Napoleon I., embroidered in satin.—C. E. GANTILLON, 2 Rue des Capucins, Lyon.

14 Crochet tissues.—EMILE JOYEAUX, 8 Rue Grenire, St. Lazare, Paris.

15 Piled velvet carpets, d'Aubisson. Aubisson carpet, without reversed side.—ALEX. BRAQUENIE, *pat. and manu.* 16 Rue Vivienne, Paris.

17 Materials for furniture covers.—J. C. MOURIEAU, *manu.* 27 Rue des Mail, Paris.

18 A rich assortment of fancy articles made in chenille, and chenille trimming materials.—GRUINTGENS, (eldest son,) 127 Rue St. Denis, Paris.

19 Variety of laces.—L. & B. CURTIS & Co. *imp.* New York City.

20 French lace fabrics.—A. T. STEWART & Co. *imp.* New York City.

21 Aubusson carpets and tapestry.—SALLANDROUZE DE LA MORNAIX, *manu.* Paris.

CLASS 20.

Wearing Apparel.

WEST GALLERY.

1 Ladies' and gentlemen's superfine kid and silk gloves of all varieties.—NATHAN, BEER, TREFOUSSE & MAY, *manu.* Paris.

2 Various specimens of hunting and full dress gaiter boots and shoes, for gentlemen.—P. POIRIER, *manu.* Chateaubriant, Loire Inférieure.

3* Specimens of fine felt hats.—JEROME COUPIN, *manu.* Aix, Rhône.

4 Felt and silk hats.—LEJEUNE, *manu.* 251 Rue St. Honoré, Paris.

5 Specimens of wooden shoes.—TRINIDAT.

6 Ready made shirts with embroidered fronts.—DESIRE DARNET, *manu.* 83 Rue Richelieu, Paris.

7 Fine kid gloves.—BANQUETTE, *manu.* Paris.

8 Various specimens of Paris gloves.—TERRAY BROTHERS, *manu.* 181 Rue Montmartre, Paris.

9 Various articles of wearing apparel; fancy articles of crochet-work, &c.—FREDERIC CONTOUR, *manu.* 8 and 10 Rue des Déchargeurs, Paris.

10 Gloves of deer, chamois, castor, and sheepskins.—T. TEXIER, Jr. *manu.* Niort, Deux Sevres.

11 Ready made shirts; shirt-fronts and collars made by machinery and by hand.—VALTAT & ROUILLE, *manu.* 70 Rue Rambuteau, Paris.

12 Silk thread and woollen gloves.—TAILBOUIS, *manu.* 26 Rue des Bourdonnais, Paris.

13 Specimens of superfine gloves.—VR. H. JOUVIN & Co. *manu.* Rue Rougemont, Paris.

14 A robe of white crape, painted "à la Australienne."—A. MINAT, 29 Rue de l'Echiquier, Paris.

15 Ladies' boots, shoes, and slippers of every description.—VIAULT-ESTE, *manu.* 17 Rue de la Paix, Paris.

16* A variety of gloves.—BROCHIER & SON, 18 Rue de St. Laurent, Grenoble.

17 A large variety of gloves.—E. COMPERE, *manu.* 50 Rue Croix des Petits Champs, Paris.

18 Fine kid gloves. PH. COURVOISIER, *manu.* 19 Rue des Bons Enfants, Paris.

19 Superfine gloves.—CALDESAIGUES & DIDIOT, 4 Rue Thevénot, Paris.

20 Fine corsets, without seams, on a new system.—ROBERT WERLY & Co. *manu.* Bar le Duc, Meuse.

21 Ladies' and gentlemen's gloves.—CHOSSON & Co. *manu.* 63 Rue Montmartre, Paris.

22* Cambric shirts, cravats, and collars.—S. HAYEM, Sen. *pat. and manu.* 38 Rue du Sentier, Paris.

23 Boots and shoes.—A. CLERCX, 11 Boulevards des Italiens, Paris.

24 Variety of straw hats.—DEMENGE & ERHARD, *manu.* 5 Rue du Caire, Paris.

25 Boots, shoes, and slippers, of fine quality, and of various styles.—G. CHAPELLE, 28 Boulevard des Italiens, Paris.

26 Ladies' boots and shoes of improved styles.—DUFOSSEE, *manu.* 20 Rue de la Paix, Paris.

27* Embroidered silk corsets, without seams.—SUCHET-DAMAS, *manu.* Thiry, Rhone.

28 Fancy beaver hats for children.—CHARLES HENRI ERNOUX, *manu.* 9 Passage St. Avoye, Paris.

29* Fine hats for gentlemen.—MORETTON (successor of Drez), *manu.* 4 Bis Rue Paradis au Marais, Paris.

30 Gentlemen's boots and shoes, of various descriptions.—J. FORR, *manu.* 249 Rue St. Honoré, Paris.

31 Specimens of undressed hats and caps; hat-boxes, imitation of leather.—GUIGNET, *manu.* Arles, Bouches du Rhone.

32 Waterproof coats and surtouts of silk and cotton.—ALPH. DUTERTRE *manu.* 2 Rue Constantine à la Chapelle, St. Denis, Paris.

33 Silk-hosiery and other apparel for theatrical uses.—MILON, Sen. *manu.* Paris.

34 Variety of gloves.—G. AUBRY & DUMORCET, *manu.* Paris.

CLASS 21.

Cutlery and Edge Tools.

DIVISION C. COURT 13.

1 Scissors of various descriptions and qualities.—SOMMELET, DANTON & Co. *manu.* Nogent, near Paris.

3 Samples of new styles of fine cutlery.—MASSA & SON, *manu.* 7 Rue de la Monnaie, Paris.

4 Various gardening tools and vegetable knives.—A. PAROD, *manu.* 95 Faubourg St. Martin, Paris.

5* Hatchets, knives, scissors, drawing knives, &c.—COULAUX & Co. Molsheim, Bas Rhin.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

DIVISION C. COURT 25.

1 Coffee roasters on a newly invented and patented system, for preserving the fragrance of coffee.—E. VANDENBROUCKE, *pat. and manu.* 16 Rue de Strasbourg, Paris.

2 Iron furniture for apartments and garden ornaments.—TRONCHON, *manu.* N Avenue St. Cloud, near Paris.

3 Various specimens of curry-combs.—B. POTTECHER, *manu.* Bussang.

4 Internal and external cast-iron ornaments for houses.—MARTIN OVIDE & VIRY, *manu.* Sommevoire, Haute-Marne, and Paris.

5* Samples of nails for boots and shoes, and shoemakers' awls.—FONTAINE, CAME & Co. *manu.* Frith St. Leger, Nord.

6 Locks, hinges, knobs, and other fastenings for furniture and houses.—A. CAMIOU, *manu.* Vrignen aux Bois, Ardennes.

7 A variety of tools for shoemakers, saddlers, &c.—DESCREUX & SON, *manu.* St. Etienne, Loire.

8* Steel combs of various kinds.—FELIX SANTALLIER, *manu.* Boën, Loire.

9 Furnaces, anvils, vices, and other implements for forges.—CHAUFFIAT & SON, *manu.* St. Etienne, Loire.

10 Horse shoe nails; copper, brass, and steel brads.—P. SIROT, Sen., *manu.* Valenciennes, Nord.

11 Sheet brass zinc, copper and German silver.—L'OESCHGER MESDACH & Co. *manu.* 28 Rue St. Paul, Paris.

12 Specimens of shoe nails and pegs, in iron, copper, and steel.—P. SIROT, Sen *manu.* Valenciennes, Nord.

13 Coffee pots upon a patent system.—SIRY & Co. *inv. and manu.* 60 Rue Richelieu, Paris.

14 Variety of locks.—DURAFOUR, NEPHEW, *manu.* St. Etienne, Loire.

15 Screws, butts, hinges, vices, rasps, and other hardware.—COULAUX & Co. *manu.* Wolsheim, Bas-Rhin.

16 Metallic gauzes and cloth, and various manufactured articles of household convenience.—A. ROSWAG & SON, *manu.* Schlestadt, Haut-Rhin.

17 Instrument to aid in threading needles.—M. F. CAUMES, *manu.* 31 Boulevard Bonne-Nouvelle, Paris.

18 Various specimens of locks of new style.—J. M. GRANGOIR, Jr. *inv. and manu.* 22 Rue St. Appoline, Paris.

19 Candelabra, and various fancy groups and articles in zinc, zinc statuettes.—SOCIETE DE LA VIEILLE MONTAGNE (Society of the Old Mountain), *manu.* 19 Rue Richer, Paris.

20* Various articles of household convenience in zinc and tin.—HARCHER & WESTERMANN, *manu.* Metz, Haut-Rhin.

21 Specimens of water-closets and faucets: a new system patented in Europe.—T. GUINIER, *pat. and manu,* 25 Rue Grenelle, St. Honoré, Paris.

22 Inodorous water-closets for the sick chamber.—V. TALIBON, *manu.* Loches, near Paris.

23 Assortment of locks, bolts, &c.—BELLARD, *manu.* Paris.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes and Articles of Vertu generally.

DIVISION C. COURTS 14 AND 15; AND WEST GALLERY.

1 Silver alto-relievos and embossed work (Benvenuto Cellini's style).—F. KIRSTEIN, *manu.* Strasbourg.

2 Table-services and tea-services, in various styles, with other specimens of silversmiths' work.—ODIOT & SON, *manu.* 26 Rue Basse des Ramparts, Paris.

3 Figures in bronze.—ETEX, *sculp,* Rue de L'Ouest, Paris.

6 Candelabra and lamps in porcelain and gilded bronze.—P. J. LAHOCHE, *manu.* Palais Royal 162, Paris.

7 Bronzes, clocks and statuary.—H. HOTTOT, *manu.* 52 Rue de Bondy, Paris.

9 A collection of bronzes.—A. BARRE, Paris.

10 Statuettes, groups, candelabra, vases, lamps, lustres, inl.stands, seals, and other articles in fine bronze.—DUPLAN & SALLES, *manu.* 32 Rue de Bondy, Paris.

11 Variety of fine bronzes.—J. AUBONNEL, *manu.* Paris.

12 Platina still, and various cups, dishes and crucibles in platina.—DESMOUTIS, MORIN & CHAPUIS, *manu.* 64 Rue Montmartre, Paris.

13 Various objects of silversmith-work, jewelry, and fancy articles.—F. J. RUDOLPHI, *silversmith,* 3 Rue Tronchet, Paris.

14 Bronze busts, statuettes, &c.—Mme. DEFEVRE DRUMIER, 15 Avenue D'Antin, Paris.

15 Altar crucifixes richly gilt, bronze candelabra, groups, lamps, &c.—VILLEMSENS & Co. *manu.* 71 Rue de Temple, Paris.

17 Various bronzes, &c.—RINGUET, *manu.* Paris.

18 A variety of electro-gilt and electro-silvered ware.—C. CHRISTOFLE & Co., *manu.* 56 Rue de Bondy, Paris.

19* Figure in fine bronze, "Sara, la baigneuse."—CHARLES BUHOT, *manu.* 71 Rue Charlot, Paris.

20 Imitation fine pearls.—LELONG, *inv. and manu.* 31 Rue Chapon, Paris.

23* Candelabras, epergnes, vases, lamps, candlesticks, lustres, and other ornamental articles in bronze.—LEROLLE, BROTHERS, *manu.* 1 Chaussée des Minimes, Paris.

25 Figures, clocks, vases, candelabra, busts, &c. in fine bronze.—AUGUSTE WEYGANT, *manu.* 124 Rue Ville du Temple, Paris.

26 Fancy boxes of various descriptions, trays, &c. in white (inoxidable) metal.—CHAPISEAU, *manu.* 39 Rue Bourg l'Abbé, Paris.

27 Bronzes and ornamental clocks.—LAUREAU, *manu.*

28 Bronze candelabra and other objects.—CORDIER, *manu.* Paris.

29 Bronzes and clocks.—DUVAL & GUERAFEID, *manu.*

30 Specimen of fine silver ware.—VEYRAT, *manu.*

CLASS 24.

Glass Manufactures.

WEST GALLERY.

1 Bottles of various sizes and qualities for all purposes.—VAN LEEMPOEL DE COLNET & Co., *manu.* Quiquengrogne Glass Works, near Chapelle, Aisne.

2 Crystal and porcelain door and drawer knobs, mounted in various styles, and of all colors, the products of the Moselle Glass Works.—BERGER-WALTER, *manu.* 27 Rue de Paradis Poissonniere, Paris.

3 Richly cut and engraved glass ware for the table.—LAHOCHE, *manu.* Paris. [Court 12, Div. 3.]

4 Specimen of painted glass.—FIALEIX, Marget, Seine Inferieure.

5 Specimens of round glass demijohns, in wicker cases.—AUZOU, Jr., *manu.* Havre.

7 Specimens of stained glass, in a variety of colors.—VALLET & Co., glass *manu.* Forbach.

8 Specimens of demijohns and other glass bottles of various shapes, in osier baskets.—L. VICART & Co., *manu.* Graville, Seine Inferieure.

10* Various specimens of hand mirrors.—P. GUEBHARD & Co., Rue Cadet, Paris.

11 A large mirror.—CIREY & MONTHERME, *manu.* 313 Rue St. Denis, Paris.

13 Vases of pure and fancy colored crystal, cologne and essence bottles; fancy paper-weights of crown glass; object glasses mounted for daguerreotypes; cut glass of various kinds; glass door plates and door knobs; vinaigrettes, &c.—L JOSEPH MAES, *manu.* Galerie de Clichy, Paris.

CLASS 25.

Porcelain and other Ceramic Manufactures.

WEST GALLERY, ADJOINING CLASS 24.

1 Collection of vases, dinner and tea services, cups and dishes in ornamented porcelain.—IMPERIAL MANUFACTORY, Sevres.—*Agent*, ELOY. [Court 6, Div. C.]

2 Various articles in porcelain.—HAVILAND, BROTHERS & Co., *manu.* Limoges, Haute Vienne, and 47 John street, New York City.

3 Specimens of porcelain articles, as dishes, plates, retorts, mortars, coffee-filterers, coffee-pots, casseroles, capsules of all sizes, &c.—GOSSE, *manu.* 6 Rue de Paradis Poissonniere, Paris.

4 Manufacture in fine porcelain.—TH. & A. REES, *manu.* Limoges, Haute Vienne, and 138 Pearl street, New York City.

5 A variety of articles in fine and ornamental porcelain.—L. ANDRE CHAS. PETTIVUYT & Co., *manu.* 46 Rue Paradis Poissonniere, Paris.

6 Samples of plain and fancy ceramic buttons, in various colors and gilded.—BAPTEROSSES, *manu.* Briare, Loiret.

7* Two richly ornamented porcelain vases, and an assortment of rich porcelain ware.—BING, BROTHERS & Co., 12 Rue Martel, Paris.

8 Dinner, tea, coffee, and dessert services, in decorated porcelain.—P. J. LAHOCHE, *manu*, 162 Palais Royal, Paris. [Court 12, Division C.]

CLASS 26.

Decorative Furniture and Upholstery, Including Papier-Mache, Paper-Hangings, and Japanned Goods.

DIVISION C. COURTS 13, 14, & 15.

1 Two transparent water-proof window-blinds, painted with historical subjects.—E. MORGANT, *painter*, Guines, Pas de Calais.

2 Specimens of paper-hangings of various descriptions.—ZUBER & Co., *manu.* Rixheim, (Haut Rhin.)—*Agent*, KOOPS, FISCHER & Co., New York City.

3 Specimens of paste colors and dyed wools for the manufacture of velvet papers, with various pattern cards.—BURGH, (Sen.) P. ROEDEL & Co., *manu.* 23 Rue de Reuilly, Paris.

4 Articles of elegant drawing-room furniture.—BALNY, Jr., *manu.* 40 Faubourg St. Antoine, Paris.

5 Panels of richly stained papers and rolls of painted and ornamental paper-hangings.—DELICOURT & Co., *manu.* 155 Rue de Charrenton, Paris.

6 A grand tableau of decorative wall papers.—JULES DESFOSSE, 1 Rue de Montreuil, Paris.

7 Specimens of ornamental stair banisters in wood.—J. F. FERON, *manu.* 29 Rue de Clichy, Paris.

8 Four ornamental chimney screens.—A. DURUT, *manu.* 17 Rue Castex, Paris.

9 Cabinet work, carved in various styles.—A. E. RINGUET, LEPRINCE & Co., *manu.* 9 Rue Caumastin, Paris, and New York City.

10 A table of ebony, the style of Louis XVI., richly gilded and inlaid, and containing materials for all varieties of drawing and painting.—J. M. PAILLARD, *manu.* 21 Rue des Francs Bourgeois, Paris.—*Agent*, CHARLES RUBSAMEN, 168 Spring street, New York City.

11 Cellarets of rosewood and ebony, with bottles.—BINET, *manu.* Faubourg St. Denis, Paris.

12 Furnished wine cellarets.—GUYOT, *manu.* 13 Rue Chapon, Paris.

13 Ornamental door of gilded iron and plate glass.—J. AUBENEL, *manu.* Paris.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, Cement, &c., for Construction and Decoration.

DIVISION C.

1 Ornaments in stone-mastic for decorations.—HEILIGNETHAL & Co., *prod.* Strasbourg, Bas-Rhin.

2* Slabs of painted asphaltum.—BAUDOUIN, BROTHERS, *manu.* Paris.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not Woven or Felted, or otherwise Specified.

1 Wicker baskets and other articles.—GERARD, *manu.* Rue Paul le Courier, Tours, Indre-et-Loire.

3* Mannikin of India-rubber, and all its accessories, for the use of artists and sculptors.—J. D. LE BLOND, *manu.* 5 Rue St. Louis au Marais, Paris.

4 A variety of fine brushes.—GEORGE, *manu.* 33 Rue Chapon, Paris.

CLASS 29.

Miscellaneous Manufactures and small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

WEST GALLERY.

1 Riding and driving whips and walking canes in whalebone, ebony, wood, &c., mounted in silver and gold. Tortoise-shell baskets.—THEODON, Jr., & REQUEDAT, *manu.* Paris.

2 Specimens of richly ornamented fans of mother-of-pearl.—ALEXANDRE, *manu.* 6 Boulevard Montmartre, Paris.

3 Water of Paris and other perfumery, with fountain.—G. L. LEISTNER, 48 Rue de Chaillot, Paris.

4 Specimens of aromatic vinegar.—JEAN VINCENT BULLY, *manu.* 259 Rue St. Honoré, Paris.

5 Various kinds of soaps.—HONORÉ ARNAVON, *manu.* Marseilles.

6 Snuff-boxes of various kinds.—DAVID & CHAPPUIS, *manu.* St. Claude, Jura.

7 A great variety of ink-stands, watch-stands, necessaires, and other articles in fancy goods.—PIERRE GLOR, *manu.* 9 Petite Rue Saint Pierre Rouelle, Pelé, Paris.

8 Fishing-nets of linen thread.—ESTUBLIÉ, GAZAGNAIRE & Co., *manu.* 16 Rue du Paud Puitz, Marseilles.

9 Cellarets of rosewood and ebony, style of Louis XV.; various rich papeteries in same style; glove, handkerchief, and jewel boxes, of various styles, richly inlaid; tea and cigar boxes and odor boxes of various styles.—KAPP & STAUDINGER, *manu.* 157 Rue du Temple, Paris.

10 Ebony looking-glass frame; souvenirs and porte-monnaies, richly ornamented with inlaid and mosaic work.—JOSEPH D. BLANK, *manu.* 20 Rue de Roi de Sicile, Paris.

11 Specimens of fine perfumery.—LAMAR & PAURIS, *manu.* 285 Rue St. Martin, Paris.

12 A variety of bronzes and curiosities.—S. MOMBRO, 18 Rue Basse des Ramparts, Paris.

13 A variety of dressing-cases, necessaires, cigar-cases, snuff-boxes, &c.—KUBITSCHEK, *manu.* 11 Rue des Fontaines du Temple, Paris.

14 Flacons of various kinds of essences.—J. J. HUGUES, Jr., *manu.* Grasse, Var, and 7 Rue Neuve St. Denis, Paris.

15 Variety of fancy-paper boxes, envelopes, and bon-bon cases for confectioners.—BENJAMIN SALLERON, *manu.* 15 Rue de Ponceau, Paris.

16 Metallic pipe covers and tobacco boxes.—SAILLARD, Sen., *manu.* Besançon.

17 Variety of canes.—VIEL, *manu.* Paris.

18 Collection of choice perfumes.—VIOLET, *manu.* Paris.

19 Various descriptions of masks.—WIDOW COCHET-VERDY, 303 Rue St. Denis, Paris.

20 Samples of aromatic vinegar; balsamic elixir; toilet cream and essences.—FRUCHET, *perfumer*, 27 Galerie Vivienne, Paris.

21 Artificial flowers and foliage.—GAUDET DUFRESNE, *manu.* Paris.

22 Snuff-boxes of various descriptions.—GANIVET-ROY, *manu.* St. Claude, Jura.

23 Various specimens of clay statuettes and pipes.—S. DUMERIL, SONS & Co., *manu.* St. Omer, Pas-de-Calais.

24 Porte-monnaies.—HANNOTON, *manu.* Paris.

25 Ornamental jewel-caskets.—P. HENNEQUIN, *manu.* 17 Rue Chapon, Paris.

26 Eau de Botot, a balsamic wash for the mouth.—BOTTOT, *manu.* Paris.

27 Specimens of artificial branches and leaves.—P. E. ROYER, *manu.* 6 Rue du Caire, Paris.

28 Twisted, or plaited wick for stearine candles (for exportation).—NICOD (WIDOW) & SON, *manu.* Annonay, Ardeche.

29 Fancy and ornamental boxes in pasteboard, leather, and other materials, for gloves, handkerchiefs, perfumeries, bon-bons, and bijouterie.—BEGUIN, *manu.* 6 Rue de Marché St. Honoré, Paris.

30 Dressing-cases of various kinds.—MACE & BOULANGER, *manu.* Paris.

CLASS 30.

Musical Instruments.

DIVISION C. COURT 14.

1 Upright seven-octavo piano-forte, with semi-oblique strings. Upright rosewood piano-forte, with vertical strings.—N. DETIR & Co., *manu.* 122 Faubourg St. Martin, Paris.

2 Mechanical piano and appliances. Ordinary piano-forte.—A. DEBAIN, *manu.* 15 Rue Vivienne, Paris.

3 Upright piano-forte, of rosewood, with bronze ornaments.—MUSARD, BROTHERS, *manu.* 12 Rue Barbette, Paris.

4* Seven-octavo piano-forte, in rosewood.—SHOLTUS, *manu.* 1 Rue Bleue, Paris.

5 Claviphones.—GLOR, *manu.* Paris.

7 Piano-fortes.—PLEYEL, *manu.* Paris.—*Agent*, DESCOMBES, New York City.

CLASS 31.

Fine Arts, Sculpture, Paintings, &c.

1 Combat with a serpent, a group in bronze.—A. OTTEN, *sculp.* Paris. [Centre.]

2 Shipwrecked Mother, and Living Child attacked by a Vulture; group in plaster.—LECHESNE, *sculp.* Paris. [West nave.]

3 Bear and hunter in the death struggle, group in plaster.—E. FREMIET, *sculp.* Paris.

4 Marble bust of Napoleon III.—Madame DEUMIER, *sculp.* Paris.

5 Marble bust of Cerito—sculptor unknown—Paris.

6 The Virgin and Child.—HUGUENIN, *sculp.*

7 Eagles, a group in bronze.—J. AUBENEL, Paris. [West nave.]

9 Statue of Racine, in marble.—DAVID, *sculp.* Angiers. [West nave.]

10 Statue of Lesbia, in marble.—L'EVEQUE, *sculp.* Paris. [Centre.]

11 A bas-relief.—OLTEN, *sculp.* Paris.

12 Damalis, a statue in marble.—ETEX, *sculp.* Paris. [West nave.]

13 A Sybil, painted in oils.—BIARD, *artist.*

14 Fruit and Flowers, a pair of pictures.—MARIE ANN, *artist.*

15 A pair of landscapes in oils.—J. GREBERT, *artist.*

16 Collection of colored engravings.—BES & DUBREIUL, Paris.

17 Variety of lithographs.—THURANGER, Paris.

18 Architectural drawings.—H. DURAND, Paris.

19 Lithographic pictures.—LOEUITLET, Paris.

20 Architectural drawings.—RIBAULT, Paris.

21 Picture of the room in which Chateaubriand was born, wrought in his own hair.—PAQUES, Paris.

22 Bengal tiger, in plaster.—A. JACQUEMENT, *sculp.* Paris.

SWITZERLAND.

WEST GALLERY.

CLASS 1.

[See note to this Class in page 25 United States.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Bituminous mastic—a mineral waterproof composition for linen, pasteboard. iron, and glass, with various exhibitions of its application to vessels, cloth, thread, ropes, &c., making them perfectly impermeable to water.—FREDERIC LAUTERBURG, *manu.* 16 Rue de l'Arsenal Berne, Canton Berne.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

1 Specimens of wasp fur and its manufactures.—JOHN BAPTISTE BRUNSWALD, *prod. and manu.* Geneva.

2 Specimens of raw silk.—J. B. FOGLIARDI, *prod.* Mélant, Canton Tessin.

CLASS 6.

Machinery and Tools for Manufacturing Purposes.

1 Flattening rollers for watch springs.—AUGUSTE MATHEY & SON, *manu.* Locle, Canton Neuchatel.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

2 Rifle and appurtenances.—J. SCHLAEPFER, *manu.* Glarus, Canton Glarus.—*Agents,* BOURRY D'IVERNOIS & Co., New York City.

CLASS 10.

Philosophical Instruments, and Products resulting from their Use, including Horological and Surgical Instruments and Appliances.

1 Three watches.—E. P. EWARD, *manu.* St. Blaise, Canton Neuchatel.

2 Twelve watches.—MONTANDON, BROTHERS, *manu.* Locle, Canton Neuchatel.

3 Fine specimens of gold repeating and chronometer watches.—MERMOD BROTHERS, *manu.* Ste. Croix, Canton Vaud.

4 Marine chronometers and fine watches.—HENRI GRANDJEAN, *manu.* Locle, Canton Neuchatel.

5 Fine gold and enamelled watches, chronometers, and musical boxes.—E. & A. PAILLARD, BROTHERS, *manu.* Ste. Croix, Canton Vaud.

6 Eighteen watches in a variety of styles.—LEQUIN & YERSIN, *manu.* Fleurier, Canton Neuchatel.

7* A case of gold, engine turned watches in various styles.—JULES RAUSS, *manu.* Chaux de Fonds, Canton Neuchatel.

8* Chronometer and other watches in various styles.—EE. BORNAND & Co. *manu.* Ste. Croix, Canton Vaud.

9 Astronomical time-piece.—FAVRE & ANDRIE, *manu.* Locle, Canton Neuchatel.

10 Variety of watches.—HENRY AUGUSTE FAVRE, *inv. and manu.* Locle, Canton Neuchatel.

11 Chronometers and watches, repeaters, &c. new, winding up by the pendant.—PATEK, PHILIPPE & Co. *inv. and manu.* Geneva.

12 Watches and watch movements.—BREITLING & LAEDERICH, *manu.* Chaux de Fonds, Canton Neuchatel.

13* Three chronometers and other watches.—J. H. FATIO-JUNOD, *manu.* Geneva.

14 Various clocks.—F. E. FAVRE-BRAND, *manu.* Locle, Canton Neuchatel.

15 Various watches.—CH. HENRI GROSCLAUDE, *inv. and manu.* Fleurier, Canton, Neuchatel.

16 Two watches.—H. J. BOREL, *manu.* Chaux de Fonds, Canton Neuchatel.

17* Two enamelled dials.—JOHN H. RACINE, *manu.* Chaux de Fonds, Canton Neuchatel.

18 Chronometers and dial.—HENRY G. BOREL, *manu.* Chaux de Fonds, Canton Neuchatel.

19 Movements of clocks and watches.—H. BOCK, *manu.* Locle, Canton Neuchatel.

21 Fine gold chronometer balance and independent second watches; two chronometer movements.—HY. L. MATILE, Jr. Locle, Canton Neuchatel.

22 Pocket chronometer and independent second watch.—AUGUSTIN PERRET, *manu.* Locle, Canton Neuchatel.—*Agents,* FELLOWS & COOPER, 11 Maiden lane, New York City.

23* India-rubber stockings for invalids, knitted in tricot, and a pair of suspenders.—LOUISE PIECE, Rue Verdaine, Geneva.

24 Wooden leg for use in cases of amputation, either above or below the knee.—C. A. LOMBARD *dit* HAMPENN, *inv. and manu.* Geneva.

25 Stereometric apparatus, and a variety of linear designs.—GABRIEL EBERSOLD, *des.* Berne, Canton Berne.

26 Various specimens of photography.—J. B. ISENRING, *artist,* St. Gall, Canton St. Gall.

27 A case of mathematical instruments in silver, ditto in brass; a reduction compass with micrometer.—F. HOMMEL-ESSER, *mechanician,* Aarau, Canton Argovie.

28 An extensive variety of mathematical instruments.—FREDERIC GYSI, *manu.* Aarau, Canton Argovie.

29 Several cases of mathematical instruments, in silver and other materials.—FERDINAND ROHR, *mechanician*, Leutzbourg, Canton Argovie.

30 A large and very complete case of mathematical instruments.—J. KERN, *manu.* Aarau, Canton Argovie.

31 A new compass.—A. FAVRE-BRAND, *inv. and manu.* Locle, Canton Neuchatel.

32 A new style of compass.—KEIGEL & PETITPIERRE, *manu.* Couvet, Neuchatel.

33 Optical glasses.—THEODORE DAGUET, *manu.* Soleure, Canton Neuchatel.

35 New and curious apparatus for taking electro-magnetic observations.—JOHN ISENRING, Frauenfelt, Canton Thurgovie.

36 A planetarium.—L. MASSET, *inv. and manu.* Yverdon, Canton Vaud.

38 Fine watches.—D. BACHELARD & SON, *manu.* Geneva.—*Agent*, EMILE FAVRE, New York City.

39 Fine watches.—A. GOLAY LERESCHE *manu.* Geneva.

40 Fine watches.—LOUIS AUDEMARS, *manu.* Brassus, Canton Vaud.

41 Fine watches.—H. CAPT, *manu.* Geneva.—*Agents*, READ, TAYLOR & Co. New York City.

CLASS 11.

Manufactures of Cotton.

1 Muslin fabrics.—EMBEN WOLFERS & Co. *imp.* New York City.

CLASS 13.

Manufactures of Silk and Velvet.

1 Twelve pieces of silk.—VONDER-MUEHLL, BROTHERS, *manu.* Bâsle, Canton Bâsle.—*Agent*, F. COTTINET.

2 Ten pieces of silk.—BAUMANN & STREULI, *manu.* Horgen, Canton Zurich.—*Agents*, BOURRY D'IVERNOIS & Co., 70 Broadway, New York City.

3 Specimens of superfine Gros du Rhin silk.—JULES STAUBLI, *manu.* Horgen, Canton Zurich.

4 Specimens of sewing and embroidering silk.—H. DE G. ZUPPINGER & Co., *manu.* Eichthal, Canton Zurich.

5 Specimens of richly-dyed silks.—J. R. WEGNER, *dyer*, Bâsle, Canton Bâsle.

CLASS 14.

Manufactures of Flax and Hemp.

1* Cotton and wool canvas for cross-stitch embroideries; cotton Java canvas specimens of crochet threads.—JACOB HEINIGER, *manu.* Bourgdorf, Canton Berne

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

1 Fine-dressed calfskins.—Hediger, Brothers, Zug, Canton Zug.

2 Polished calfskins and specimens of boot fronts, à la Bordeaux—Melchior, Im-hof & Son, *manu.* Bâsle, Canton Bâsle.

3 Black and white polished calfskins.—Hy. Reymond, *manu.* Morges, Canton Vaud.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

1 Colored and printed cotton cloths and red velvet.—J. Ziegler & Co., *manu.* Winterthur, Canton Zurich.

2 Richly printed cotton tissues, furniture, damasks, Foulard silks, shawls, &c. —C. Meyer, Jr., *manu.* Wipkingen, Canton Zurich.

3 Plain, twilled and printed Turkey red cotton.—Greuter & Riester, *manu.* Winterthur, Canton Zurich.—*Agents*, Boiceau & Rusch, New York City.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroidery, Trimmings, and Fancy Needle Work.

1 Embroidered lace curtains and fine muslins.—Bourry D'Ivernois, *manu.* St. Gall, Canton St. Gall.—*Agents*, Bourry D'Ivernois & Co., 70 Broadway, New York City.

2 Linen cambric handkerchiefs, embroidered in crochet and "au passé;" baptismal robe for infants, of muslin, embroidered in crochet; embroidered tulle.—Pauly & Co., *manu.* St. Gall, Canton St. Gall.

3 Sample of embroidery.—Henry Gerstlé & Co., *manu.* St. Gall, Canton St. Gall.

4 Blinds embroidered on tulle, organdie muslins, embroidered.—J. B. Heumann's successor, *manu.* St. Gall.—*Agents*, Emden, Wolfers & Co., New York City.

5* Point lace and bridal veils, handkerchiefs, head-dresses, and collars.—Miss Adeline Cuendet, *manu.* Geneva.

6 Embroidered tulle and muslin christening robes; flounced dresses and sacks, linen cambric collars, handkerchiefs, &c.—Bridgemann & Gonzenbach, St. Gall, Canton St. Gall.

7 Richly embroidered muslins and jaconets.—J. J. Meyer, Jr., *manu.* St. Gall, Switzerland.

8 Embroidered muslins.—Schlaepfer, Schlatter & Kuerstiner, *manu.* St. Gall, Canton St. Gall.—*Agent*, J. N. Zumstein, New York City.

9 Embroidered table-cover; embroidered lace dress; lace mantilla; cambric handkerchiefs and collars.—Caspar Staheli-Wild, *manu.* St. Gall, Canton St. Gall.—*Agents*, Bourry D'Ivernois & Co., New York City.

10 Embroidered cambric handkerchiefs and collars.—Felix Koelreutter, *manu.* St. Gall, Canton St. Gall.—*Agents*, Bourry D'Ivernois & Co., New York City.

11 Various embroideries.—JACOB J. BRUNNER, *manu.* St. Gall.
12 Various specimens of embroidery.—T. J. LUTTER, *manu.* St. Gall.
13 Embroideries.—J. C. ERNENPEUTSCH, *manu.* St. Gall.

CLASS 21.

Cutlery and Edge Tools.

1 A variety of fine razors and gravers for watchmakers.—C. A. LECOULTRE, *manu.* Brassus, Canton Vaud.
2 Various specimens of fine razors and gravers for watchmakers.—JACQUES LECOULTRE, *manu.* Sentier, Canton Vaud.

CLASS 23.

Works in Precious Metals, and their Imitations; Jewelry, and other Personal Ornaments; Bronzes and Articles of Vertu generally.

1 Engraving on gold.—ADOLPHE DUBOIS, *des. and eng.* Chaux de Fonds, Canton Neuchatel.
2 Various articles of fine jewelry.—TEROND, RAVIER & Co., *manu.* Geneva.
3 Two enamelled paintings on gold, and two tea services of silver, richly enchased and ornamented.—J. DERRIEY, No. 45 Rue des Allemands, dessus, Geneva, Switzerland.
4* Two gold plates engraved.—H. V. GRANDJEAN PERRENOND, *eng.* Chaux de Fond, Canton Neuchatel.
5 Various specimens of elegant jewelry, bijouterie, and watches.—AUGUSTE DUTERTRÉ, *manu.* Geneva.
6* Watches and jewelry.—F. L. BARBEZAT, *manu.* Chaux de Fonds, Canton Neuchatel.
7 Watch cases, engraved with historical subjects.—FRITZ KUNDERT, *des. and manu.* Chaux de Fonds, Canton Neuchatel.
8 Watch cases, richly engraved.—BERNARD & MOUBRIE, *manu.*
9 Rich jewelry.—A. GOLAY LERESCHE, *manu.*
10 Specimens of fine jewelry.—D. BACHELARD & SON, *manu.* Geneva, and 80 Nassau street, New York City.
11 Engraved tablet in silver.—A. NICOLET, *manu*
12 Fine jewelry.—HENRY CAPT, *manu.* Geneva.

CLASS 25.

Porcelain and other Ceramic Manufactures.

1 Figures, groups, statuettes, vases, lamps, medallions, and other objects, in terra cotta. (The medallions exhibited for the delicacy of their impression.)—J. ZEIGLER-PELLIS, *manu.* Winterthur, Canton St. Gall.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper-Hangings, and Japanned Goods.

1 A work-table and convenient furniture for an invalid.—GABRIEL EBERSOLD *manu.* Berne.

2 Table, bureau, &c., of painted wood.—J. WIRTZ, *painter on wood,* 185 Grand Rue, Berne, Switzerland.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven, felted, or otherwise specified.

1 Straw trimmings, of all descriptions; mixed hair and straw trimmings, braids; laces, and various fancy articles; straw flowers; embroideries in straw upon blondes, &c.—J. GEISSMAN & Co., *manu.* Wohlen, Canton Argovie.

2 Specimens of horsehair, double and single tress.—HURTER & BUHELZER, *manu.* Lucerne, Canton Lucerne.

3 Specimens of cabas, cigar cases, tassels, and straw ornaments; straw ropes; bleached straw, &c.—SULZBERGER, AKERMANN & Co., *manu.* Meisterschwanden, Argovie.

4 Variety of rich straw and hair braids, tresses, trimmings, and embroideries upon blonds, lace, &c.—ISLER & OTTO, *manu.* Willdegg, near Aarau, Canton Argovie, and *imp.* 38 Broadway, New York City.

5 Samples of twisted or braided straws, cigar cases, tassels, &c.—J. L. MEYER & BROTHERS, *manu.* Wohlen, Canton Argovie.

6* Groups of figures, cottages, cups, bowls, and other objects, carved in white and red wood; various objects in painted wood.—KEHRLI, BROTHERS & DANLER, *carvers,* Giessbach, near Meyringen, Canton Berne.

7 Glove boxes; vases of flowers, fancy boxes, &c., richly carved in white wood.—A. BAUMANN, *sculp.* Brieutz, Berne.

8 Fancy boxes, and other articles in carved and painted wood.—D. WEGELIN, *manu.* Thoune, Berne, Canton Berne.

9 Fancy boxes, fans, &c., in carved and painted wood.—JN. WIRTZ, *artist,* Berne.

10 Table, Swiss cottage, group of chamois, and various other objects in carved wood, &c.—KEHRLI, BROTHERS, *carvers,* Brientz, Berne.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Flacons of superior eau-de-botot; syrup of punch; hair oil, of Swiss herbs; curaçoa; extract of absynthe, and cream of mint.—A. H. J. WALD, *manu.* Neuchatel.—*Agent,* M. MARTIN, 80 Nassau street, New York City.

2 Specimens of aromatic cachou, for sweetening the breath.—F. FINAZ, *manu.* 212 Grand Rue, Geneva, Switzerland.

CLASS 30.

Musical Instruments.

1† Grand and square piano-fortes.—HUNI & HUBERT, *manu.* Zurich, Canton Zurich.

2 Piano-forte of a novel construction.—SPRECHER & Co., *manu.* Zurich, Canton Zurich.

CLASS 13.

Fine Arts.

[The Swiss pictures are in the Gallery of Paintings, and not included in this list.]

1 Specimens of wood engraving.—J. SPALINGER, *engraver*, Schaffhause Canton.

2 Specimens of chromo-lithography.—BRIQUET & SON, *lith.* Geneva.

3 Enamelled map of Great Britain.—HENRI CHENEVART, *artist*, Geneva.

HOLLAND.

DIVISION D. COURTS 23, 24, & 28.

CLASS 1.

[See note to this Class in the United States, page 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Veterinary medicines of various descriptions.—A. JORRITSMA, *inv.* Dockum, Netherlands.

2 White lead and gold litharge.—POORTMAN & VISSER, *manu.* Schiedam, Netherlands.

3 Specimens of Friesland green and other colors.—SURINGAR & SONS, *manu.* Groningen, Netherlands.

4 Samples of white lead.—BEEKHUIS, DAMSTE & Co., *manu.* Groningen, Netherlands.

5 Specimens of zinc white and yellow.—L. J. ENTHOVEN, *manu.* The Hague.

6 Crystals of borax.—VAN ENST & DYK, *manu.* Amsterdam, Netherlands.

7 Samples of oils, colors, Prussian and mineral blues, chrome, yellow, and green, water blue, &c.—VANDUURA & VERSTEEVEN, *manu.* Rotterdam, Netherlands.

CLASS 3.

Substances Employed as Food, &c.

1 Alimentary preserves.—N. H. A. JANSSEN, *manu.* Hertogenbosch, Netherlands.

2 Samples of chicory.—W. FER HORST & Co., *manu.* Leeüwarden, Netherlands.

3 Specimens of wine vinegar.—WILSON & Co., *manu.* Meppel, Netherlands.

4 Specimens of chicory mixture for coffee.—H. & E. HEUVELDOP & Co., *manu.* Leeüwarden, Netherlands.

5 Chicory mixture.—HERMAN LOBRY & Co., *manu.* Dockum, Netherlands.

6 Farina, sago, and syrup manufactured from potatoes.—SCHOONEVELD & WESTERBAAN, *manu.* Gouda, Netherlands.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

1 Oil-seed cakes, glues, oils, and gelatine.—A. M. OOMEN, Genneken, near Breda, Netherlands.

2 Samples of dogs' wool.—HON. TEDING VAN BERKHOUT, Heuman, Netherlands.

4 Varnishes.—J. H. NOORTVEEN & Co., *manu.* Leyden, Netherlands.

5 Curled and straight horse hair.—P. S. CATZ & Co, *manu.* Amsterdam.

6 Linseed oil and linseed oil cakes.—J. POEL-WEYERS, *manu.* Zaandam, Netherlands.

7 Specimens of gelatine and glue.—W. J. POEL, Zaandam, Netherlands.

9 East India rattans, cleaned and prepared.—VAN VOLLENHOVEN & Co., *manu.* Rotterdam, Netherlands.

10 Salt.—O. VERHAGEN, *manu.* Goes, Netherlands.

11 Starch, known in Holland under the name of Urling's Patent Starch.—C. C. PRINS & Co., *manu.* Wormerveer, Netherlands.

12 Samples of starch.—EVERT DE JAGER, *manu.* Zandyk, Netherlands.

13 Samples of starch.—J. STUURMAN, Jr., *manu.* Zandyk, Netherlands.

14 Specimens of glue.—VANDENBERGH & Co., *manu.* Zutphen.

15 Specimens of madder manufactured by steam.—J. J. VANDENBOSCH, *manu.* Wilhelminadorp, near Goes.

16 Assortment of superior madders, Java, garancine, and indigo.—W. & C. VOUTE & Co., Amsterdam.

17 Various specimens of Holland flax.—A. ELLERMAN, Rotterdam.

18 Samples of Holland and Friesland flax and horse hair.—J. P. VAN CATZ, Gouda.

CLASS 5.

Machines for Direct Use, including Steam, Hydraulics, and Pneumatic Engines, and Railway, and other Carriages.

1 Fire engine of a new construction.—DIEPENBROCK & REIGERS, *inv. and manu.* Ulft, near Ferborgh, Netherlands.

2 Model of a new movable or double-acting safety carriage-axle, railway level, and seal-press.—G. SOEDERS, *inv. and manu.* Maarssen, near Utrecht, Netherlands.

3 Phaeton carriage.—J. S. LEHMAN, *manu.* Rotterdam, Netherlands.

4 Models of elevating ladders for fire escape and other purposes, and centrifugal water-wheel.—H. DE SEVERIN STOFFELS, *inv. and manu.* Heemestede.

CLASS 6.

Machinery and Tools for Manufacturing Purposes.

1 Weavers' reeds.—J. M. HOSEWITZ, Eindhoven, Netherlands.

CLASS 7.

Civil Engineering, Architectural and Building Contrivances.

1 Models of winding or circular stair-case.—G. BECKERER, *des.* Groningen.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

1 Swing plough of a new construction, and new seed-drilling machine.—W. JENKEN, *manu.* Utrecht, Netherlands.

2 Earth borer, to promote the vegetation of fruit and other trees.—J. K. SONDERMEYER, *des. and manu.* Rotterdam, Netherlands.

CLASS 10.

Philosophical Instruments, and Products, Resulting from their Use, including Horological and Surgical Instruments and Appliances.

1 An equatorial sun-dial.—K. W. UHLMAN, *inv.* Zwolle, Netherlands.

2 Weighing machines.—H. DALHUISEN, *manu.* Kampen, Netherlands.

3 Platform scale.—B. LEGEER, *manu.* Deventer.

4 Clocks, with striking and alarum mechanism.—H. W. DE BRUYN, *manu.* Leyden.

5 Balances for analytical purposes.—C. BECKER, *inv. and manu.* Arnhem.

6 Counting-house clock.—A. KAISER, *manu.* The Hague.

7 Map and atlas of the Netherlands.—T. OOMKENS, Jr., Groningen.

CLASS 11.

Manufactures of Cotton.

1 Printed cotton handkerchiefs, East India pattern.—J. SCHELLEUS & SON, *manu.* Eindhoven.

2 Bleached and unbleached cotton shirtings.—G. A. ARNTSENIUS, *manu.* Goor.

3 Fly nets for open windows.—J. VANDENBERG, *manu.* Leyden.

CLASS 12.

Manufactures of Wool.

1 Fine wool blankets.—W. O. GEHRELS, *manu.* Ootmarsum, Netherlands.
2 Blankets made of Dutch wool, of fine texture and of fast colors.—J. ZUURDEEG & SON, *manu.* Leyden, Netherlands.
3 Specimens of blankets.—E. E. VISSER, *manu.* Amersfoort, Netherlands.
4 Blankets made of fine Dutch wool.—J. H. HOOGEBOOM & SON, *manu.* Leyden, Netherlands.
5 Specimens of blankets for exportation.—J. C. ZAALBERG & SON, *manu.* Leyden, Netherlands.—*Agents*, HERCKENRATH & VANDAMME, 29 Beaver street, New York City.
6 Specimens of worsteds.—WIDOW OF F. VAN'T-HOOFT, Leyden, Netherlands.
7 Specimens of fine broad cloths.—L. J. KRANTZ & SON, *manu.* Leyden, Netherlands.
8 Assortment of blankets.—J. POLS, *manu.* Leyden.
9 Variety of woollen yarns.—SCHOBER & SON, *manu.* Utrecht.

CLASS 13.

Manufactures of Silk and Velvet.

1 East India silk stuffs, and sewing silks.—J. A. TRAVAGLINO & SON, *manu.* Haarlem, Netherlands.

CLASS 14.

Manufactures of Flax and Hemp.

1 Bridles and halters of fine hemp; game bags; twines and cords of various qualities; specimens of dressed hemp.—J. P. VAN CATZ, *manu.* Gonda.
2 Concentric, or equal-drawing rope.—VAN BEEFTINGH & Co., *inv. and manu.* Katwyk.
3 Coil of tarred rope.—J. VAN DEN HOOGEN, *manu.* Dordrecht, Netherlands.
4 Linen, bedtick, and canvas.—J. THEUNISSEN, *manu.* Meppel, Netherlands.
5 Sail cloth and canvas.—D. VAN DER HEYDEN & SON, *manu.* Krommenie, Netherlands.
6 Linens, table cloths and napkins.—A. J. TEN DOESSCHATE, *manu.* Goor.

CLASS 16.

Leathers, Furs and Hair; and their Manufactures.

1 Haircloth for chairs and sofas.—H. DYKSMAN, *manu.* Rotterdam, Netherlands.
2 Hair sacks for oil manufacturers.—P. DE WILDE, Jr., *manu.* Zaandam, Netherlands.
3 Swan and geese skins dressed; dressed greb skin, and various fine dressed skins.—P. S. CATZ & Co. *manu.* Amsterdam, Netherlands.

CLASS 17.

Paper and Stationery, Types, Printing, and Bookbinding.

1 Two books in 4to., viz. Antiphonarium Romanum and Graduale Romanum; volumes of printed music, being masses and vespers of the Romish Church as used in the Netherlands.—A. ZWEESAARDT, *printer and binder*, Amsterdam.

2 Samples of drawing paper.—C. & F. HONIG-BREET, *manu.* Zaandyk, Netherlands.

3 Counting-house books, &c.—ABRAHAMS, BROTHERS, *manu.* Middleburg, Netherlands.

4 Imitation of leaves by the printing press.—WILLSON & Co., *printers*, Meppel.

5 Specimens of printing.—A. W. SYTHOFF, *printer*, Leyden, Netherlands.

6 Wrapping, ship-sheathing, and cartridge paper.—P. BLOK & SON, *manu.* Waddingsveen.

7 Specimens of glyphographic printing.—BENGER & SON, *inv.* Amsterdam.

8 Bibles, of the Netherlands Bible Society, with music for the hymns.—BLUSSE, BROTHERS, *printers*, Dordrecht.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Work.

1 Carpets and rugs, manufactured of cow-hair.—L. J. PRINS (widow of), *manu.* Arnhem, Netherlands.

2 Military ornaments, as epaulettes, sword and shoulder knots, cords, scarfs, &c.; galloon, and gold and silver thread.—W. J. VAN HEYNSBERGEN, *manu.* The Hague, Netherlands.

3 Woollen velvet, called Velours d'Utrecht, for tapestry and furniture covering.—HEIRS OF WARNER WILLINK, *manu.* Amsterdam.

4 Knitted table cloth.—N. J. NOORDWYNS, *manu.* Rotterdam.

CLASS 20.

Wearing Apparel.

1 Reversible coat.—W. A. COOPMAN, *des. and manu.* Arnhem, Netherlands.

2 Chamois gloves, &c.—G. C. F. KAISER, *manu.* Amsterdam, Netherlands.

3 Articles of wearing apparel.—A. JONGMANS, *manu.* Leyden, Netherlands.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

1 Specimens of grates; locks.—J. L. DERGOTEN, *manu.* The Hague, Netherlands.

2 Cast bells for a chime.—PETIT & FRITSEN, *founders*, Aarlerixtel, near Helmond, Netherlands.

3 Cast-iron figures of stags [on the steps of the Palace, Sixth Avenue]; cast-iron bust of late King of the Netherlands.—CORNELIUS NOLET, *manu.* Schiedam, Netherlands.

4 Ornamental grate.—B. LEGEER, *manu.* Deventer, Netherlands.

5 Castings in zinc for utility and ornament, comprising figures, animals, vases, articles of furniture, &c., &c.—L. W. SCHUTZ, *des. and manu.* Zeijst, near Utrecht, Netherlands.

6 System of bell-pulls for offices, hotels, &c.—J. DOEDERS, Jr. *manu.* Haarlem.

7 Tree in cast lead.—A. S. KOSTER, Rotterdam.

8 Tools for mechanics and musical instrument makers.—J. J. ALLGAUER, *manu.* Amsterdam.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes and Articles of Vertu generally.

1 Silver urn and other silver ware.—P. DE MEYER, *des. and manu.* Hague, Netherlands.

2 Embossed silver beaker, hammered out of one solid piece.—J. B. GREBE, Jr. *manu.* Rotterdam.

3 Silver-plated ware.—G. GREVINK, *manu.* Amsterdam.

4 Silver and polished copper snuff-boxes and spectacle cases.—M. J. PRESBURG & Co. *manu.* Nymegen.

CLASS 24.

Glass Manufactures.

1 Electro-coppered glass stills and porcelain vessels.—I. R. F. NIEVERGELD, *manu.* Hague, Netherlands.

2 Glass cylinders and window glass.—NETHERLANDS SOC. FOR WINDOW GLASS, *manu.* Zwyndrecht, near Dordrecht, Netherlands.

3 Specimens of glass ware.—PETRUS REGOUT, *manu.* Maestricht.

CLASS 26.

Decorative Furniture and Upholstery, including Papier Mache, Paper Hangings, and Japanned Goods.

1 Richly carved ebony cabinet; easy chair.—R. J. GAMELKOORN, *manu.* Arnhem.
2 Two ebony fancy chairs.—E. KOSTER, *manu.* Utrecht.
3 Double folding table.—J. L. & H. MEURING, Amsterdam.
4 Richly gilt and velveted papers for walls.—J. VANDENBERG, *manu.* Leyden.
5 Folding screen, richly japanned in Chinese style; wooden table in red lacquer; fancy laequered stands, and other articles.—F. ZEEGERS, *manu.* Amsterdam.
6 Lady's work tables, card tables, tea table, toilet and other stands, in japanned work.—W. A. FRANZE, *manu.* Haarlem.
7 Circular sofa with six divisions.—HORRIX, BROTHERS, *manu.* The Hague.
8 Two dressing cases and two locket tables.—P. VOGELPUEL, *manu.* Haarlem.
9 Pendent table with marble top.—D. SIEM, *manu.* Amsterdam.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, &c., for Construction and Decoration.

1 Bricks.—P. VANDEN BROCKE, *manu.* Utrecht, Netherlands.
2 Bricks and cement.—SCHOLER & SON, *manu.* Utrecht, Netherlands.
3 Square tiles for walls and floors—J. VAN HULST, *manu.* Hurlingen, Netherlands.
4 White marble vase.—E. SWANN, *manu.* Arnhem.
5 Carved slab for mantel-piece.—T. S. VERMEL, *manu.* Rotterdam.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven, felted, or otherwise applied.

1 Chandelier of twenty-four lights, and a variety of smaller articles carved in buckhorn and ivory.—J. E. HATT, *carver*, Leyst.
2 Brushes of various descriptions.—H. J. DIRKS, *manu.* Dordrecht, Netherlands.
3 Pheasant house of East India bamboo.—G. A. BENKER, *manu.* Rotterdam.
4 Vulcanized India rubber tubes, rings, carriage-bearing springs, door springs, acoustic tubes, bands, &c.—H. DE CLERCK, *manu.* Haarlem.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Marseilles, Limburg, and other odoriferous soaps; candles, and altar candles.—N. PERSELAER & SON, *manu.* Maestricht, Limburg, Netherlands.

2 Whalebone, whips, and walking canes.—POST & WENDT, *manu.* Waddingsveen, near Gouda, Netherlands.

3 Stearine candles and tapers; lime soap; stearic acid.—N. D. BRANDON, *manu.* Amsterdam.

4 Tobacco pipes.—P. J. VAN DER WANDT, *manu.* Gouda, Netherlands.

5 Dutch tobacco pipes, &c.—F. S. SPAARNAY & SON, Gouda, Netherlands.

6 Samples of eau de Voorburg.—M. KEYZER & Co., Voorburg, near the Hague, Netherlands.

7 Handbows and arrows for target practice.—BRESSER, BROTHERS, Tilburg.

8 Collection of Japanese articles, including coins, minerals, and miscellaneous manufactures in great variety.—THE CHEVALIER J. H. LEVYSOHN, Old Chief of the Holland Station, at Japan.

CLASS 30.

Musical Instruments.

1 Piano-forte.—J. H. PALING, *manu.* Rotterdam.

CLASS 31.

Fine Arts, Sculpture, Paintings, and Engravings.

[A large collection of paintings from Holland are included in the Catalogue of the Picture Gallery.]

1 Group in stone: The Serpent in the Lion's Den.—J. B. LEVERMAN, *sculp.* Doesburgh.

2 Stag and two wolves in bronzed zinc.—L. SCHULTZ, Zeyst. [West nave.]

3 Bronze bust of William II., late King of the Netherlands.—J. J. EINDHOVEN, The Hague.

4 Statue of St. Josephus carved in wood.—F. STRACKE, Arnhem.

6 Picture worked in hair.—W. C. HAGEDOORN, Rotterdam.

7 Engraving of His Majesty William III., present King of the Netherlands.—J. W. KEYZER, *eng.*

8 The Crucifixion, painted in oils, after Rubens.—H. J. P. HANAU, *artist.*

9 Cow-stable in Holland.—A. VERHOEVEN, *artist.*

10 Landscape.—W. G. WAGNER, *artist.*

11 Beheading of St. Catherine of Alexandria.—C. J. BEHR, *artist.*

12 Landscape.—L. J. HANSEN.

13 Landscape (Sunset).—G. VAN DER VEN, *artist.*

14 The Siege of Leyden in 1754.—J. VAN HASSALAER, *artist*, Leyden.

15 Antique ruin; and

16 Dutch man-of-war near shore.—P. SCHELDGES, *artist.*

17 Landscape cut in paper, with scissors, in imitation of copperplate etching.—MARIA E. VAN DEN BRINK, Amsterdam.

18 Landscape.—H. E. RADEMAKER, *artist.*

19 Landscape.—VAN STRY, *artist.*

AUSTRIA.

CLASS 1.

[See note to this class in the United States, p. 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

WEST GALLERY.

1 Various chemical and pharmaceutical productions.—WENZEL BATKA, *chemist*, Prague, Bohemia.
2 Specimens of orange and bright red lead; red and gold litharge; and white lead.—IGNATZ VON HERBERT, *manu.* Klagenfurt, Carinthia.
3 One hundred and eighty samples of colors.—KINZELBERGER & Co. *manu.* Prague, Bohemia.
4 Various shades of ultramarine. Cadmium yellow; red and rose madder.—J. SETZER, *manu.* Weitenek on the Danube.
5 Specimens of Naples yellow.—L. & C. HARDMUTH, *manu.* Budweis, Bohemia.
6 Samples of white lead.—FRANZ PAUL HERBERT, *manu.* Klagenfurt, Carinthia.

CLASS 3.

Substances Employed as Food.

WEST GALLERY.

1 Specimens of tobacco.—J. S. FROHLICH, *prod.* Pesth, Hungary.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

IN THE WEST GALLERY.

1 Samples of raw silks.—RADULOWITZ BROTHERS, *prod.* Weisskirchen, Hungary.
2 Samples of bristles.—F. G. RAFFELSPERGER, *prod.* Vienna.
3 Samples of wood tresses.—TOMASSIO & BAZZOLI, *manu.* Poggio, Lombardy.
4 Samples of raw silks.—G. B. MATIUZZI, *prod.* Varino, Friaul.
5 Samples of raw silks.—P. SOZZI, *prod.* Bergamo, Lombardy.
6 Carmine, of two varieties.—W. PETZ, *manu.* Pesth, Hungary.
7 Samples of prepared and unprepared agaric; or German tinder for medicated clothing.—A. BACHRICH, *manu.* Vienna.
8 Various samples of wool, selected by permission from the London collection of 1851, and exhibited by G. S. SCHEIFFLE.

CLASS 8.

Naval Architecture, Military Engineering, Ordnance, Armor and Accoutrements.

DIVISION D. COURT 19.

1 Patent copper percussion caps.—SELLIER & BELLOT, *manu.* Prague, Bohemia.
2 Specimens of firearms and gun hardware—VALENTINE SCHASCHE, *manu.* Ferlach, Carinthia.
3 Double barrelled gun and pair of pistols.—J. KIERNER, *manu.* Pesth, Hungary.
4 Double barrelled gun and target pistols.—F. NOWAK, *manu.* Prague, Bohemia.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

DIVISION D. COURT 19.

1 Scythes and straw cutting knives.—JACOB BEYERLE, *manu.* Waidhofen, Austria Proper.
2 Different kinds of scythes.—J. PENZ, *manu.* Muhlerau, Tyrol.
3 Samples of scythes.—J. WEINMEISTER, *manu.* Brühthal, Austria Proper.
4 Samples of scythes.—G. HIERZENBERGER, *manu.* Leonstein, Austria Proper.
5 Different kinds of scythes.—A. GATT, *manu.* Kufstein, Tyrol.
6 Scythes and chaff-cutters.—S. PAMER, *manu.* Schalchen, Austria Proper.
7 Scythes.—OFFNER, BROTHERS, *manu.* Wolfsberg, Carinthia.
8 Scythes and sickles.—G. WEINMEISTER, *manu.* Spital, Austria Proper.
9 Various scythes.—J. A. FEITLINGER, *manu.* Eppenstein, Austria Proper.

CLASS 10.

Philosophical Instruments, and Products Resulting from their use, including Horological and Surgical Instruments and Appliances.

DIVISION D. COURT 20.

1 Daguerreotypes on glass.—G. PUCHNER, *artist,* Veldes, Carinthia.
2 Various maps and charts, with the names in English, German, Hungarian, French, Illyrian, Arabic, Italian, Hindostani, Russian, and Servian languages, printed with ordinary type.—FRANZ RAFFELSPERGER, *pat. and printer,* Vienna.
3 Section of plastic map of Switzerland.—JACOB PAULINY, *des.* Vienna.
4 Chemical and pharmaceutical instruments.—WENZEL BATKA, *manu.* Prague, Bohemia.
5 Geometrical models in wood.—F. G. A. BECKER, *manu.*
6 A pair of scales.—J. PFLEUDERER, *manu.* Stadt Steyer, Austria Proper.

CLASS 11.

Manufactures of Wool.

1 Printed mousseline de laines.—JENNY & SCHINDLER, *manu.* Hard, Voralberg.
2 Assortment of mousseline de laine fabrics.—GIUSEPPE BOSSI, *manu.* Vienna.
3 Mousseline de laines.—A. WILLFORT, *manu.* Vienna.
4 Specimen of gray Styrian beaver cloth.—F. STEPANEK, *manu.* Bruck, Styria.
5 Specimens of dyed merinos, etc.—PETER D. MUELLER, *imp.* New York City.

CLASS 12.

Manufactures of Cotton.

WEST GALLERY.

1 Samples of cotton twists.—J. GRILLMAYER, *manu.* Linz, Austria Proper.
2 Specimens of fancy cambrics.—J. LANG, *manu.* Vienna.
3 Printed cotton fabrics.—JENNY & SCHINDLER, *manu.* Hard, Voralburg.

CLASS 13.

Manufactures of Silk and Velvet.

WEST GALLERY.

1 Silk stuffs and damask silk dresses.—RATTI & CRIVELLI, *manu.* Milan, Lombardy.
2 Silk stuffs, dresses, &c.—CARLO, GHIGLIERI & Co., *manu.* Milan, Lombardy.
3 Plain and colored silk stuffs.—PEREGO NEGRETTI, *manu.* Como, Lombardy.
4 Printed foulard silks.—GIUSEPPE BOSSI, *manu.* Vienna.

CLASS 14.

Manufactures of Flax and Hemp.

WEST GALLERY.

1 Linen and damask table cloths and napkins; linen handkerchiefs; bleached and unbleached linen drillings, &c.—WOEDL, GEORGIAS & Co., *manu.* Vienna.
2 Printed linens.—JENNY & SCHINDLER, *manu.* Hard, Voralburg.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, &c.

WEST GALLERY.

1 Long and square barege satin and cashmere shawls.—GIUSEPPE BOSSI, *manu.* Vienna.
2 Specimens of shawls.—JENNY & SCHINDLER, *manu.* Hard, Voralburg
3 Variety of shawls.—C. KANITZ, Vienna.
4 Samples of waistcoatings.—ECHINGER, BROTHERS, *manu.* Vienna.
6 Assortment of Broché shawls.—IG. KUMPAN, *manu.* Vienna.
8 Waistcoatings of various kinds.—A. KRAL, *manu.* Vienna.
9 Samples of vest and pantaloon stuffs.—FLORIAN BIENERT, *manu.* Vienna.
10 Samples of waistcoatings.—J. FIAL, *manu.* Vienna.
11 Samples of waistcoatings.—H. ROCKSTROH, *manu.* Vienna.
12 Assortment of shawls.—BUERGER & Co., *manu.* Vienna.

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

WEST GALLERY.

1 Black and brown grained and pressed calf-skins; japanned sheep-skins; reindeer leather; various colored calf-skins; cap peaks.—J. J. POLLAK & SONS, *manu.* Prague, Bohemia.
2 Samples of different kinds of goat and sheep-skins.—F. WOLFF, *manu.* Herrmanstadt, Transylvania.
3 Samples of different kinds of leather.—F. MESSNER, *manu.* Reutte, Tyrol.
4 Camel-hair brushes.—F. LANG, *manu.* Stadt Steyer, Austria Proper.
5 Samples of horsehair sieve bottoms.—ANTONIO LOCKER, *manu.* Krainburg, Illyria.
6 Horsehair sieve bottoms.—A. GLOBOTSCHNIG, *manu.* Strasich, Illyria.

CLASS 17.

Paper and Stationery, Types, Printing and Bookbinding.

1 Specimens of types and matrices, in various Oriental languages.—FRANZ RAFFELSPERGER, *printer*, Vienna.
2 Specimens of black lead pencils.—L. & C. HARDMUTH, *manu.* Vienna.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

WEST GALLERY.

1 Specimens of dyed silks.—CARL SALZER, *dyer*, Vienna.
2 Samples of dyed woollen yarns.—F. WALTER, *dyer*, Vienna.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Work.

WEST GALLERY.

1 Embroidered scarf cambric pocket-handkerchief and chemisette.—S. ROELZ, *manu.* Graslitz, Bohemia.
2 Military trimmings, galloons, &c.—RULKE, *manu.* Vienna.
3 Samples of horse-cloths and rugs.—V. MAURER, *manu.* Iglau, Moravia.
4 Two mosaic and embroidered table covers.—W. PROHASKA, *maker*, Prague, Bohemia.
5 Austrian arms embroidered in silk.—CARL SALZER, Vienna.

CLASS 20.

Wearing Apparel.

WEST GALLERY.

1 Gentleman's shooting-dress complete.—KRACH, BROTHERS, *manu.* Prague, Bohemia.
2 Hungarian national dress, called *Szur.*—E. MALATINZKY, *manu.* Miskolz, Hungary.
3 Hungarian sheepskin Bunda.—JOHN GEYER, *furrier*, Pesth, Hungary.
4 Samples of gloves of various kinds.—GLOVERS' ASSOCIATION, Prague, Bohemia.
5 A coat and waistcoat.—C. NESSEL, *tailor*, Oedenburg, Hungary.
6 Two Hungarian shooting jackets.—RIGO & KRAETSCHMAR, *makers*, Rima, Szombath, Hungary.
7 An elastic dress coat.—Jos. SINGER, *maker*, Pesth, Hungary.
8 Venice straw bonnets and hats.—R. KALKBRUNNER, *manu.* Bassano, Venice.

CLASS 21.

Cutlery and Edge Tools.

DIVISION D. COURT 19.

1 Samples of razors.—BERNHARD NAGEL, *manu.* Waidhofen, Austria Proper.
2 Samples of scissors.—JOHN WENDEL, *manu.* Waidhofen, Austria Proper.
3 Samples of Turkish razors.—LEOPOLD SCHNABEL, *manu.* Waidhofen, Austria Proper.
4 Samples of knives.—MATHIAS SCHNABEL, *manu.* Waidhofen, Austria Proper.
5 Samples of scissors.—MATHIAS GAMPMAYER, *manu.* Waidhofen, Austria Proper.
6 Samples of scissors.—MARTIN PLETZER, *manu.* Waidhofen, Austria Proper.
7 Samples of shears and knives.—JOSEPH AIGNER, *manu.* Waidhofen, Austria Proper
8 Samples of awls.—AUGUST BERGER, *manu.* Waidhofen, Austria Proper.
9 Samples of saws.—JOSEPH STOKINGER, *manu.* Waidhofen, Austria Proper.
10 Samples of knives.—JOSEPH SCHNABEL, *manu.* Waidhofen, Austria Proper.

11 Samples of gimlets and other tools.—J. HAUSER, *manu.* Stadt Steyer, Austria Proper.
13 Samples of awls.—J. DERFLER, *manu.* Stadt Steyer, Austria Proper.
14 Samples of awls.—J. KETTENHUBER, *manu.* Stadt Steyer, Austria Proper.
15 Samples of awls.—JOHN KOLM, *manu.* Stadt Steyer, Austria Proper.
16 Samples of awls.—J. BUCHBERGER, *manu.* Stadt Steyer, Austria Proper.
18 Samples of awls.—CAJ. MOLTERER, *manu.* Stadt Steyer, Austria Proper.
21 Samples of awls.—V. MOLTERER, *manu.* Stadt Steyer, Austria Proper.
22 Samples of awls.—G. MOLTERER, *manu.* Stadt Steyer, Austria Proper.
23 Samples of gimlets.—G. METZ, *manu.* Stadt Steyer, Austria Proper.
25 Different kinds of gimlets and augers.—RUDOLPH WEISSENHOFFER, *manu.* Waidhofen, Austria Proper.
26 Samples of razors.—L. WACHTER, *manu.* Stadt Steyer, Austria Proper.
27 Samples of razors.—J. BLEY, *manu.* Stadt Steyer, Austria Proper.
28 Samples of razors.—S. RUPPRECHT, *manu.* Stadt Steyer, Austria Proper.
29 Samples of knives.—A. STIERHOFER, *manu.* Stadt Steyer, Austria Proper.
30 Samples of knives.—J. PFUSTERSCHMIDT, *manu.* Neuzeug, Austria Proper.
31 Samples of knives.—A. DOPPLER, *manu.* Sierminghofen, Austria Proper.
32 Samples of knives.—C. LOESCHENKOHL, *manu.* Stadt Steyer, Austria Proper.
33 Samples of knives.—L. OSTERBERGER, *manu.* Stadt Steyer, Austria Proper.
36 Samples of knives.—J. FROEHLICH, *manu.* Steinbach, Austria Proper.
37 Samples of knives.—C. FROEHLICH, *manu.* Steinbach, Austria Proper.
38 Samples of knives.—JOHN MOSER, *manu.* Sierminghofen, Austria Proper.
39 Samples of knives.—F. MOSER, *manu.* Steinbach, Austria Proper.
40 Samples of knives.—ANTON MOSER, Jr., *manu.* Steinbach, Austria Proper.
41 Samples of knives.—G. MOSER, *manu.* Sierminghofen, Austria Proper.
42 Samples of knives.—ANTON MOSER, Sen., *manu.* Sierminghofen, Austria Proper.
43 Samples of knives.—CHAS. MOSER, *manu.* Steinbach, Austria Proper.
45 Samples of knives.—J. LOSCHENKOHL, *manu.* Steinbach, Austria Proper.
46 Samples of knives.—M. WEICHSELBAUMER, *manu.* Sierminghofen, Austria Proper.
50 Samples of knives.—L. FORSTER, *manu.* Neuzeug, Austria Proper.
51 Samples of knives.—S. T. SCHWINGHAMMER, *manu.* Steinbach, Austria Proper.
52 Samples of knives.—F. DERNBERGER, *manu.* Grünburg, Austria Proper.
55 Samples of knives.—A. TRENKNER, *manu.* Sierminghofen, Austria Proper.
57 Samples of knives.—P. SALZWIMMER, *manu.* Sierminghofen, Austria Proper.
58 Samples of knives.—A. HELM, *manu.* Sierminghofen, Austria Proper.
61 Samples of knives.—J. RESSL, *manu.* Steinbach, Austria Proper.
62 Samples of knives.—P. HOFER, *manu.* Sierminghofen, Austria Proper.
63 Samples of knives.—F. PILS, *manu.* Neuzeug, Austria Proper.
64 Samples of knives.—C. PILS, *manu.* Sierminghofen, Austria Proper.
65 Samples of knives.—G. PILS, *manu.* Stadt Steyer, Austria Proper.
66 Samples of knives and forks.—L. RIEDLER, *manu.* Stadt Steyer, Austria Proper.
67 Samples of knives and forks.—F. LIEDER, *manu.* Stadt Steyer, Austria Proper.
68 Samples of knives and forks.—S. DAUCHER, *manu.* Untergrünburg, Austria Proper.
69 Samples of knives and forks.—A. HAINDL, *manu.* Sierminghofen, Austria Proper.
70 Samples of knives and forks.—J. STUCKHART, *manu.* Stadt Steyer, Austria Proper.
71 Samples of knives and forks.—J. LICHTL, *manu.* Stadt Steyer, Austria Proper.
72 Samples of knives and forks.—J. ADSTERBERGER, *manu.* Stadt Steyer, Austria Proper.

73 Samples of knives and forks.—J. RIEDLER, *manu.* Neuzeug, Austria Proper.
74 Samples of knives and forks.—J. WEICHSELBAUMER, *manu.* Stadt Steyer, Austria Proper.
75 Samples of knives and forks.—J. KERBLER, *manu.* Sierminghofen, Austria Proper.
77 Samples of knives and forks.—M. PILS, *manu.* Neuzeug, Austria Proper.
79 A horse lancet.—J. TEUFLMAYER, *manu.* Stadt Steyer, Austria Proper.
80 Samples of cutlery.—JOSEPH MITTER, Jr., *manu.* Stadt Steyer, Austria Proper.
81 Samples of cutlery.—JOSEPH MITTER, Sen., *manu.* Stadt Steyer, Austria Proper.
84 Samples of razors.—J. BRESSLMAIER, *manu.* Stadt Steyer, Austria Proper.
85 Samples of razors.—REGINA RUPRECHT, *manu.* Waidhofen, Austria Proper.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

DIVISION D. COURTS 18, 19, 20.

1 Samples of iron wire tacks.—Count DUBSKY, *manu.* Lissitz, Bohemia.
2 Variety of hardware.—V. SCHASCHL, *manu.* Ferloch, Carinthia.
5 Samples of locks.—JOSEPH LEIMER, *manu.* Waidhofen, Austria Proper.
6 A snaffle, curb, and horse buckle.—K. KURZ, *manu.* Stadt Steyer, Austria Proper.
8 Samples of steel for striking light.—J. RING, *manu.* Stadt Steyer, Austria Proper.
9 Samples of files.—JOSEPH WIENER, *manu.* Waidhofen, Austria Proper.
10 Assortment of files.—LEOPOLD SCHNEIDER, *manu.* Waidhofen, Austria Proper.
11 Various kinds of hardware.—JOHN LIETZ, *manu.* Waidhofen, Austria Proper.
12 Different kinds of hardware.—FELIX LIETZ, *manu.* Waidhofen, Austria Proper.
13 Samples of tacks.—A. VINGERT, *manu.* Stadt Steyer, Austria Proper.
15 Variety of hardware.—DOMINK SCHOELNHAMMER, *manu.* Waidhofen, Austria Proper.
16 Samples of files.—JOSEPH MAYER, *manu.* Waidhofen, Austria Proper.
17 Samples of files.—ENGELBERT FURTNER, *manu.* Waidhofen, Austria Proper.
18 Samples of files and rasps.—M. LECHNER, *manu.* Stadt Steyer, Austria Proper.
19 Samples of coach-makers', furriers', and coopers' tools.—F. KLEMENT, *manu.* Stadt Steyer, Austria Proper.
20 Samples of files.—FRANCIS FURTNER, *manu.* Waidhofen, Austria Proper.
21 Different varieties of carpenters' tools.—M. BEGSTEIGER, *manu.* Stadt Steyer, Austria Proper.
22 Samples of files and rasps.—A. SONNLEITHNER, *manu.* Stadt Steyer, Austria Proper.
23 Samples of files and rasps.—L. NUSSBAUMER, *manu.* Stadt Steyer, Austria Proper.
24 Samples of files and rasps.—M. PREITLER, *manu.* Stadt Steyer, Austria Proper.
25 Samples of files and rasps.—F. UNZEITIG, *manu.* Stadt Steyer, Austria Proper.

26 Samples of files and rasps.—A. BEYER, *manu.* Stadt Steyer, Austria Proper.
27 Samples of different kinds of pincers.—IGNAZ GROSSAUER, *manu.* Waidhofen, Austria Proper.
28 A vice, screw-stock, dies and taps.—K. TEUFELMAYER, *manu.* Stadt Steyer, Austria Proper.
30 Samples of shoemakers' tools.—F. BACHNER, *manu.* Stadt Steyer, Austria Proper.
32 Samples of shoemakers' tools.—F. GROSSAUER, *manu.* Stadt Steyer, Austria Proper.
34 Samples of coachmakers', furriers', and coopers' tools.—I. SAILER, *manu.* Stadt Steyer, Austria Proper.
35 Samples of files.—J. REICHL, *manu.* Stadt Steyer, Austria Proper.
36 Samples of files.—F. VATER, *manu.* Neuzeug, Austria Proper.
38 Samples of machine-made nails.—M. WEIDL, *manu.* Stadt Steyer, Austria Proper.
40 Samples of door-hinges.—IGNAZ WEISENHOFER, *manu.* Waidhofen, Austria Proper.
41 Sample of a lead pipe.—J. B. EGGER, *manu.* Villach, Carinthia.
42 Samples of horse-bells.—W. BLAUMAUER, *manu.* Stadt Steyer, Austria Proper.
43 Various articles in pewter.—F. HIRSCHE, *manu.* Bruenn, Moravia.
44 Various kitchen utensils of iron.—LEOPOLD SCHROTMUELLER, *manu.* Waidhofen, Austria Proper.
45 A candelabra of cast iron.—PRINCE VON SALM, *manu.* Vienna.
46 Various kinds of hardware.—JOHN MAYER, *manu.* Waidhofen, Austria Proper.
47 Curry-combs and other articles of hardware.—SIMON SCHRAMBOK, *manu.* Waidhofen.
48 Various kinds of hardware.—SIMON TEUFEL, *manu.* Waidhofen, Austria Proper.
49 Various kinds of hardware.—FRANCIS HOFER, *manu.* Waidhofen, Austria Proper.
50 Samples of locks.—FRANCIS HARTMANN, *manu.* Waidhofen, Austria Proper.
51 Samples of locks.—JOHN HARTMANN, *manu.* Waidhofen, Austria Proper
52 Samples of ship clamps.—FRANCIS BOESCHINGER, *manu.* Waidhofen, Austria.
53 Samples of iron and brass wire sieves.—CHARLES KLOSS, *manu.* Konitz, Moravia.
54 Samples of fishing hooks.—CHARLES WEISS, *manu.* Waidhofen, Austria Proper.
55 Cooking utensils lined with non-metallic enamelling.—A. PLEISCHL & SON, *manu.* Vienna.
56 Samples of curry-combs.—F. KOLLER, *manu.* Steinbach, Austria Proper.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes and articles of Vertu generally.

WEST GALLERY.

1 Gold chains, seals, keys, pencils, and silver snuff-boxes.—BOLZANI & Co., *manu.* Vienna.
2 Samples of German silver and silver-plated table furniture.—ALEXANDER SCHŒLLER, *manu* Berndorf, Austria Proper.
3 Specimens of gilded jewelry.—MAX. BEGMAN, *manu.* Vienna.
4 Cast medallions.—DEMETER PETROWITZ, *artist,* Vienna.

CLASS 24.

Glass Manufactures.

DIVISION D. COURT 18.

1 Retorts, tubes, flasks, jars, &c., for chemical uses.—WENZEL BATKA, *manu.* Prague, Bohemia. [Gallery.]
2 Assortment of artificial stones of cut glass.—A. PAZELT, *manu.* Turnau, Bohemia.
3 Mosaic tables, enamelled work, corals, &c.—J. GIACOMUZZI & BROTHERS, *manu.* Venice.
4 Specimens of lettering on glass.—F. A. FEILHAMMER, *artist*, Brünn.
5 Exquisite table ornament of polished rock crystal.—VINCENT WETZSTEIN, *manu.* Prague.
6 Fancy articles of glass.—RICHTER & FRANKÉ, *manu.* Mariahelf, near Vienna.
7 Glass buttons and beads.—JOSEPH KEIL, *manu.* Gablonz.
8 Samples of glass beads.—F. A. HELMICH, *manu.* Wolfersdorf, Bohemia.
9 Beads, glass buttons, lustre pendants.—BLASCHKA & Sons, *manu.* Liebenau, Bohemia.
10 Colored and enamelled glass beads, bugles, brooches, and other ornaments. Colossal lustre pendant and other glass ware.—C. KANITZ, *dealer*, Vienna.
11 Variety of Bohemian glass ware.—G. S. SCHEIFLE, *imp.* New York City
12 Variety of Bohemian glass ware.—E. STAINER, *imp.* New York City.

CLASS 25.

Porcelain and other Ceramic Manufactures.

DIVISION D. COURT 18.

1 Vases, urns, flower and fruit baskets, candlesticks, pier tables, jugs, tobacco boxes, and various other articles of clay, called "Syderolite ware."—BAHR & MARESCH, *manu.* Aussig-on-the-Elbe, Bohemia.
2 Assortment of Bohemian porcelain ware.—G. S. SCHEIFELE, *imp.* New York City.
3 Dinner, tea, and coffee services; candlesticks, vases, &c., of fine porcelain. —M. FISCHER, *manu.* Herend, Hungary.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper-Hangings and Japanned Goods.

DIVISION D. COURT 19.

1 Various articles of bent wood furniture.—THONET, BROTHERS, *manu.* Vienna.
2 Buhl table of rose-wood, and other furniture.—ANTON STAUDINGER, *manu.* Vienna.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, Cement, &c., for Construction and Decoration.

DIVISION D. COURTS 19, 20.

1 Candelabra, vases, table slabs, mirror frames, and various other objects in variegated marble.—JOHANN G. RAMSAUER, *manu.* Hallstadt, Upper Austria.

2 Specimen of artificial pumice stone.—L. & C. HARDTMUTH, *manu.* Vienna.

3 Specimens of work in artificial marble.—L. ROHLIK, *inv.* Prague, Bohemia.

4 Various ornaments in terra cotta.—J. W. KUGLE, *sculp.* Güns, Hungary.

5 Marble and mosaic table and pavement slabs.—ANTONIO CRISTOFOLI, *sculp.* Padua, Lombardy.

6 Samples of artificial pumice-stone.—JOHN SCHARAS, *manu.* Vienna.

7 Marble mantel in Anacreontic style.—GAETANO MOTELLI, *sculp.* Milan, Lombardy.

8 Table and chairs and monumental tablet of carved piggin stone.—GIUSEPPE FRANZI, *sculp.* Milan, Lombardy.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven, felted, or otherwise specified.

WEST GALLERY.

1 Horn combs of various descriptions.—JOSEPH SCHAFFLER, *manu.* Schwatz, Tyrol.

2 Various figures and objects in carved wood.—JOHN BENK, wood carver, Vienna.

3 Samples.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

WEST GALLERY.

1 Colored wax images.—ETTEL, BROTHERS, *manu.* Innsbruck, Tyrol.

2 Tobacco pipe bowls, and cigar holders of ivory, meerschaum, amber, &c.—J. ZEITLER, *manu.* Vienna.

3 Bouquets and baskets of artificial flowers, leaves, and fruits.—A. KRISCHONIG, *manu.* Vienna.

4 Various kinds of dolls and toys.—J. B. PURGER, *manu.* Groeder, Tyrol.

5 Wax figures, bouquets, promenade fans, jews' harps, match-boxes, and horn buttons.—CHARLES KANITZ, *dealer*, Vienna.

6 An assortment of mechanical toys and meerschaum pipes.—G. S. SCHEIFELE, *imp.* New York City.

7 Hungarian whip.—M. F. MANSCHOEN, *manu.* Pesth, Hungary.

8 Samples of Jews' harps.—F. SCHWARZ, Jr., *manu.* Stadt Steyer, Austria Proper.

9 Samples of Jews' harps.—IGNAZ SCHWARZ, *manu.* Stadt Steyer, Austria Proper.
10 Samples of Jews' harps.—KARL SCHWARZ, *manu.* Stadt Steyer, Austria Proper.
11 Samples of Jews' harps.—F. GRABNER, *manu.* Stadt Steyer, Austria Proper.
12 Different kinds of strings for musical instruments.—A. CALLIGARI, *manu.* Padua, Lombardy.
13 Samples of horn buttons.—F. RAFFELSPERGER, *manu.* Vienna.

CLASS 30.

Musical Instruments.

WEST GALLERY.

1 Various wind instruments of metal; among them a newly invented Phonikon horn, called zwukoroh.—W. F. CZERWENY, *manu.* Koeniggratz, Bohemia.
2 A guitar.—D. BITTNER, *manu.* Vienna.
3 Assortment of accordeons.—CHRISTIAN STEINKELLER, *manu.* Vienna.
4 Accordeons.—CHARLES KANITZ, *dealer,* Vienna.
5 Wind instruments of metal, of novel construction—viz. a pellitone, brass instrument in C; C duplex, an instrument producing the tones of the trumpet; B duplex, the trombone; and bombardon; trumpet in G, with mechanism for transposing into all keys.—GIUSEPPE PELLETI, *inv. and manu.* Milan, Lombardy.

CLASS 31.

Fine Arts, Sculpture, Paintings, Engravings, &c.

[The following objects will be found, with a few marked exceptions, in the Austrian Courts opening from the west nave, and at the back of the court occupied by Thorwaldsen's group:]

1 Statue in marble of Eve after the fall.—PIETRO PAGANI, *sculp.* Milan, Lombardy. [West nave.]
2 Hebe offering Nectar to the Eagle.
3 Girl wreathing herself with Flowers.
4 Shepherd.
Three works in marble, by Professor KACHSZMANN, *sculp.* Vienna.
5 Boy riding on a Crawfish.
6 Boy riding on a Tortoise.
7 Leda with the Swan.
8 Statue of Innocence.
9 A veiled head.
Five works in marble, by GIUSEPPE CROFF, *sculp.* Milan.
10 Marble bust of the Virgin Grieving.—PIETRO DEL NEGRO, *sculp.* Milan.
11 Atala and Chactas. [West nave.]
12 Colossal bust of the Redeemer.
Two works in marble, by INNOCENZO FRACCAROLI, *sculp.* Milan.
13 The Infant Saviour.
14 Child on the Waves.
15 Statue of Prayer.
Three works in marble, by ANTONIO GALLI, *sculp.* Milan.
16 Bust in marble of a Lady of Chiozza.—IGNAZIO MICOTTI, *sculp.* Milan.
17 Basket of Flowers.

18 Bas-relief of flowers.
Two works in marble, by ATTILIO GALLI, *sculp.* Milan.
19 The Child's First Steps.
20 The Industrious Little Girl. [Near the centre.]
Two works in marble, by PIETRO MAGNI, *sculp.* Milan.
21 The Deserted.
22 A Veiled Head.
23 Cupid found among the Roses.
24 Nest of Cupids.
25 Cage of Cupids.
26 Basket of Cupids.
27 The Little Fisher-boys.
Seven works, in marble, by GAETANO MOTELLI, *sculp.* Milan.
28 Bas-relief, in marble, of the Virgin and Child.—ALESSANDRO PUTTINATI, *sculp.* Milan.
29 A Sleeping Venus.
30 A Veiled Head.
Two works, in marble, by GIUSEPPE RADOS, *sculp.* Milan.
31 "Religious Meditation," a bust in marble.—ALESSANDRO ROSSI, *sculp.* Milan.
32 Head of the Saviour.
33 Colossal bust of Vincenzo Monti.
Two works in marble, by CAV. ABBONDIO SANGIORGIO, *sculp.* Milan.
34 "Resignation," in marble.—ANTONIO TANTARDINI, *sculp.* Milan.
35 The Fisher Boy, in marble.—LUIGI COCCHI, *sculp.* Milan.
36 The Soldier's Son, in marble.—LUIGI JORINI, *sculp.* Milan. [Near the centre.]
37 Bronze statue of Venus stepping into the bath.—HANS GASSER, *sculp.* Vienna.
38 The Siege of Güns.
39 The Bail Bond.
40 The Violoncellist.
41 Lucretia and Calattina.
42 The Quintelle.
Five paintings in oils, by J. N. KUGLER, *artist*, Güns, Hungary.
43 Children Leaving School.
44 Blowing Bubbles.
45 Females Bathing.
Three paintings in oil colors, by F. G. WALDMULLER, *artist*, Vienna.
46 Landscape, in oils.—F. MERTENS, *artist*, Salzburg, Upper Austria.
47 Ideal Landscape, in oils.—R. SWOBODA, *artist*, Prague.
48 Thetis and Vulcan, in oils.—LUDWIG BEYFUSS, *artist*, Vienna.
49 The Floral Offering.—GERARDI GRAZIOSO, *artist*, Milan.
50 Specimens of printing in oil colors.—Prof. HARTINGER, *artist*, Vienna.
51 Specimens of printing in water-colors.—Prof. HARTINGER, *artist*, Vienna.
52 Collection of photographic prints.—PONTI OLTICE, Padua, Lombardy.
53 Specimens of oil prints.—A. AUER, Vienna.
54 Collection of fine medallions, in metal.—DEMETER PETROWITZ, *artist*, Vienna.

ITALY.

[DIVISION D. COURTS 6, 7, 12, & 13, AND GALLERY ABOVE.]

CLASS 1.

[See note to this class in the United States, page 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Variety of chemical productions: nitric and sulphuric acids, phosphorus, nitrate of barytes, artificial soda, &c.—ALBANI BROS., *manu.* Turin, Sardinia.

2 Specimens of sulphate of quinine.—ANTONIO PUCCIO, *manu.* Genoa, Sardinia.

3 Specimens of yellow sulphuret of arsenic (orpiment), extracted from the auriferous minerals of the Cañi mines in the valley of Ossola.—C. ERBA & Co., Genoa.

4 Liquid citric acid.—G. B. AQUARONE & Co., *manu.* Porto Maurizio, Sardinia.

5 Specimens of ergotine, extracted from rye.—LUIGI PAROLA, *prod.* Cuneo, Sardinia.

6 Samples of the sulphate and citrate of quinine.—L. DUFOUR, *manu.* Genoa. Sardinia.

7 Specimens of ergotine.—C. J. BONJEAN, *chemist,* Chambery.

8 Specimens of chemical products.—SCLOPIS, BROTHERS, *manu.* Turin, Sardinia.

9 Samples of chrome yellow, lake green, Berlin blue, silver white, &c.—AUGUSTO BO, *manu.* Turin, Sardinia.

10 Gelatine capsules of white and red balsam of copaiba; camphorated cigars —new invention.—BERNADINO SCOLA, *inv. and manu.* Turin, Sardinia.

11 Boracic acid.—COUNT LALDEREL, *manu.* Tuscany.

12 Citric acid.—GIACOMO AMADEO, Porto Maurizio Sardinia.

CLASS 3.

Substances Employed as Food.

1 Specimens of fine chocolate and cocoa.—ANTONIO RUBINO, *manu.* Nice, Sardinia.

2 Specimens of fine white rice, cleansed by a new process, invented by Signor Uglietta, of Novara.—MARQUIS TORNIELLI, *prod.* Novara, Sardinia.

3 Specimens of syrup and lozenges of tamarinds, prepared by a new method.—FILIPPO VIORA, *manu.* Cherasco, Sardinia.

4 Specimens of vermicelli, or paste of Genoa.—MATTEO ASTENGO, Savona, Sardinia.

5 Various specimens of fine and superfine paste of Genoa, or vermicelli.—G. VALDETTARO, *manu.* Genoa.

6 Superfine olive oil.—PIGLIU CAMBI, *manu.* Buti, Tuscany.

7 Superfine olive oil.—BARON BETTINO RICASOLI, *manu.* Florence.

8 Specimen of olive oil.—GIACOMO AMADEO, *manu.* Port Maurizio, Sardinia.

9 Manufactures of flour.—GIUSEPPE PAOLETTI, Pontedara, Tuscany.

CLASS 4.

Vegetable and Animal Substances employed in Manufactures.

1 Various specimens of the tribolo or Piedmontese heath sprigs, for the manufacture of brushes.—G. MONTU & Co. Turin, Sardinia.

2 Stearine candles and stearine.—LANZA, BROTHERS & Co. *manu.* Turin, Sardinia.

3 Specimens of coleseed, nut, flax-seed, and castor oils; variety of oil-seeds.—MARTINI GERARDI, *manu.* Turin, Sardinia.

4 Colours employed in encaustic painting, and specimen of work executed therewith.—Prof. MICHELE RIDOLFI, Lucca, Tuscany.

5 Raw silk.—GIOVANNI TRANQUILLI, *prod.* Ascoli, Papal States.

CLASS 6.

Machinery and Tools for Manufacturing Purposes.

1 Steam cylinder for heating baths.—DR. AGOSTINO REPETTI, *prop.* Chiavari, Sardinia.

2 Model of a machine for tunnelling.—F. GIORDANO, Turin, Sardinia.

CLASS 7.

Civil Engineering, Architectural and Building Contrivances.

1 Specimens of floating (light) bricks, made without baking from fossil flour found on Castel del Piano, near Sienna.—CLEMENTE SANTI, *manu.* Montalcino Tuscany.

CLASS 9.

Agricultural, Horticultural, and Dairy Implements.

1 Models of hay and grain mowing machines.—E. PERANCINI, *inv. and manu.* Turin, Sardinia.

2 A seed and grain sowing machine.—GIUSEPPE COCCONE, *inv. and manu.* Turin, Sardinia.

CLASS 10.

Philosophical Instruments, and Products resulting from their Use, including Horological Instruments and Appliances.

1 Topographical picture of the Alpine valleys.—E. TIRONE, *civil engineer*, Turin, Sardinia.

2 Terrestrial globe of wood, exhibiting the seas, rivers, and lakes in depression, and the mountains in relief.—ETTORE GRIFONI, *inv.* (from Naples), Genoa, Sardinia.

3 Collection of solid figures, for geometricians, and for elementary instruction in geometry.—G. CROTTI, *manu.* Turin, Sardinia.

4 Three topographical maps of the Sardinian States.—LA MARMORA (Minister of War), Turin, Sardinia.

5 A pair of balances, of a new invention.—GIO V. ASVISIO, *inv. and manu.* Pinerolo, near Turin, Sardinia.

CLASS 13.

Manufactures of Silk and Velvet.

1 Samples of raw silks and organzine, from the Protestant valleys of Piedmont.—GENICOUD, BROTHERS, Turin, Sardinia.

2 Samples of white and yellow raw silk; white and yellow organzine.—MICHAEL BRAVO, *prop.* Pinerolo, near Turin, Sardinia.

3 Superfine velvets—black, pensée, green, ruby, and other colors; tapestry velvets; velvet lace.—J. GUILLOT & Co. *manu.* Turin and Genoa, Sardinia.

4 Assortment of velvets of various colors.—DEFFERARI, BROTHERS, *manu.* Genoa, Sardinia.

5 Assortment of velvets.—G. CHICHIZOLA, *manu.* Turin, Sardinia.

6 Variety of rich silks of all descriptions and colors.—CATTANEO & PETTITI, *manu.* Turin, Sardinia.

7 Rich stuffs of silk and velvet.—G. G. TASCA, *manu.* Turin, Sardinia.—*Agents*, TASCA & ABBATE, 12 John street, New York.

8 Samples of silk cravats.—E. VALERIANI, *manu.* Florence.

9 Specimens of organzine, of three kinds, for different sorts of fabrics.—SINIGAGLIA, BROTHERS, *manu.* Busca, Sardinia.

10 Velvets and damasks.—F. PESCIA, *manu.* Genoa, Sardinia.

CLASS 16.

Leather, Furs, and Hair; and their Manufactures.

2 Specimens of morocco leather of various colors.—LUIGI ARNAUDON, *manu.* Turin.

3 Specimens of calfskins undressed, dressed, and varnished.—MEGROZ-BLACHE, *manu.* Thonon, Sardinia.

4 Portmanteaus of a new form, with divers compartments.—FRANCESCO SANGLER, *manu.* Turin, Sardinia.

5 Specimens of sole, bridle, and harness leather.—G. LANZA, *manu.* Turin.

CLASS 17.

Paper and Stationery; Types, Printing, and Bookbinding.

1 *Don Pirlone a Roma*, in 3 vols. quarto; memoirs of an Italian by M. Pinto. The same work in 3 vols. 8vo. illustrated by 300 copperplates, and 50 wood cuts, of political caricatures.—ALESSANDRO FONTANA, *printer*, Turin.

2 Book of Prayers.—VINCENZO DE CASTRO, *editor*, Milan.

3 A large volume, containing an historical description of Hautcombe Abbey, printed by the exhibitors, richly ornamented with engravings upon every page.—CHIRIO & MINA, *printers*, Turin, Sardinia.

4 Five lithographic tableaux, representing all the works of Canova, the drawings by M. Fanoli.—GIANINI & FIORE, *booksellers*, Turin, Sardinia.

5 Samples of paper.—SOCIETA CARTARIA, Florence, Tuscany.

CLASS 18.

Dyed and Printed Fabrics, shown as such.

1 Samples of Turkey-red cotton of brilliant and enduring color.—PARODI, BROTHERS, *dyers*, Genoa, Sardinia.

CLASS 19.

Tapestry, including Carpets and Floor Cloths, Lace Embroideries, Trimmings, and Fancy Needle Works.

1 Various specimens of embroidery.—Signora MADDALENA TEDESCHI, Genoa, Sardinia.

2 Specimens of lace.—Signora MARIA COMPARATO, *manu.* Savona, Sardinia.

3 Plumes and feather ornaments of all colors and descriptions.—Madame C. PAVESIO, *manu.* Turin, Sardinia.

4 Two napkins of pure linen, richly worked by hand.—Signora GIULIA SOLARI DESCALZI, Genoa, Sardinia.

5 Embroidered cambric handkerchiefs; mantillas and scarfs of various qualities.—FRANCESCO TESSADA, *manu.* Genoa, Sardinia.

6 Curtain tapestry damasks of various colors, in cotton and wool.—REY, BROTHERS, *manu.* Turin, Sardinia.

CLASS 20.

Wearing Apparel.

1 Fine straw work.—SIGNORA AGNESE NANNUCCI, *manu.* Florence.
2 A full dress suit for a gentleman.—GIO. FORNO, *manu.* Turin, Sardinia.
3 Boots and shoes.—ANTONIO ALLEGRI, *manu.* Florence, Sardinia.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

1 Busts and figures cast in zinc and bronze.—V. TOSI, Genoa, Sardinia.

CLASS 23.

Works in Precious Metals and their Imitations; Jewelry and other Personal Ornaments; Bronzes and Articles of Vertu generally.

1 Cast, in bronze, from a specimen of the *Crassula Portulacoides*, in a bronze vase. Cast in bronze relievo, of a wild boar's head, attached to the branch of an oak tree. Venus and Cupid in a conch shell; a fountain in bronze, exhibited as specimens of casting by a new method, and not as works of art.—CLEMENTE PAPI, *founder in bronze*, Florence, Tuscany.

2 Specimens of richly chased and enamelled articles, in gold, silver, and precious stones.—CAPELLO, BROTHERS, *manu.* Turin, Sardinia.

4 Statue in silver filigree, representing Christopher Columbus.—GIUSEPPE BENNATI, *manu.* Genoa, Sardinia.

5 Silver plate, enchased in alto relievo, with the portrait of the Queen of Sardinia.—C. MONTEFIORI, *manu.* Turin, Sardinia.

6 Variety of exquisite articles of coral.—ANTONIO POGGI, *manu.* Genoa, Sardinia.

7 A figure of the Saviour, in chased silver; a pontifex, in gold and silver, chased and enamelled; breast-pins in gold, set with pearls and precious stones.—PIETRO THERMIGNON, *manu.* Bessans (Savoy), Sardinia.

8 A parure of pearls and brilliants, in silver mounting; magnificent brooch, in enamelled gold and brilliants.—G. BUSSI & Co. *manu.* Turin, Sardinia.

9 Vase for holy water.—A BONANATI, Turin, Sardinia.

10 Brooches and bracelets in Florentine mosaic.—ENRICO BOSSI, *manu.* Florence.

11 Coral ornaments.—P. RAFAELLI & SON, *manu.* Leghorn, Tuscany.

12 Rose colored coral ornaments.—C. MUZZARELLI, *manu.* Bologna. Specimens of medals.

13 Cameos cut on shells.—F. CASALI, Rome. [Residing in New York.]

14 Set of rose-colored coral ornaments.—G. B. DEMARINI, *manu.* Genoa, Sardinia.

CLASS 25.

Porcelain and other Ceramic Manufactures.

1 Chemical utensils, telegraph insulators, hooks for silk spinning and other articles of earthen ware. Transparent pictures in porcelain. Picture of Virgin and child, with style of Luca della Robbia.—MARQUIS GINORI-LISCI, *manu.* Florence, Tuscany.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper Hangings and Japanned Goods.

1 Two round table-tops, imitation of Chinese work, and two japanned and painted trunks.—LUIGI ZAMPINI, *manu.* Florence, Tuscany.

2 A rustic arm chair and stool.—FRANCESCO FRANCESCHINI, *manu.* Pisa, Tuscany.

3 Table and chair of ebony, in antique style, inlaid with various colored woods.—FALCINI, BROTHERS, *manu.* Florence, Tuscany.

4 Arm-chair in Greek style, richly gilt and ornamented.—G. ZORA, *manu.* Turin, Sardinia.

5 Centre tables in various ornamental woods in their natural colors, with sculptured stands, and inlaid mosaic tops, richly painted.—G. CIAUDO, *manu.* Nice, Sardinia.

6 Cabinet escritoire of mahogany; chairs of gothic patterns, in white and colored woods.—G. B. CANEPA, *manu.* Chiavari, Sardinia.

7 Two richly painted chairs.—RAIMONDO CUGLIERERO, *manu.* Settimo, near Turin, Sardinia.

8 Two richly sculptured frames for console and mantel mirrors; console table.—G. DA FIENO, *manu.* Genoa, Sardinia.

9 Table of imitation turtle-shell work; centre table in the ray style. Chiavari chairs in various woods and colors.—GIUSEPPE DESCALZI CAMPANINO & SONS, *manu.* Genoa, Sardinia.

10 Mahogany bedstead in Greek style, richly inlaid in gold and bronze; bureaus, consoles, and other chamber furniture in mahogany, and variegated marbles.—A. MANGINI, *manu.* Genoa, Sardinia.

11 Toilet table, *à étages*, in rosewood.—G. MARTINOTTI, *manu.* Turin, Sardinia.

12 Chairs of gothic and ordinary patterns, richly gilded and elaborately ornamented.—L. NOVARO, *manu.* Genoa, Sardinia.

13 Iron-like frame of wood for pictures, &c.—SAVIO & SOLA, *manu.* Alessandria, Sardinia.

14 Antique Cabinet with the arms of the Medici, ornamented with panels of Florentine mosaics, executed by ENRICO BOSI, *manu.* Florence.

CLASS 27.

Manufactures in Marble, Slate, and other ornamental Stones, &c., for Construction and Decoration.

1 Specimens of artificial marble of various forms and colors.—GIUSEPPE SPANNA & Co. *manu.* Turin, Sardinia.

2 Mosaic marble slabs.—F. COLLONELLO, *manu.* Genoa, Sardinia.

3 Slate table, polished; roofing slates and octagonal slates for pavements.—STEFANO ZOLEZZI & SON, *manu.* Lavagna, near Chiavari, Sardinia.

4 Oblong table slab in Florentine mosaic, with centre and border of flowers.—FRANCESCO BETTI, *manu.* Florence, Tuscany.

5 Table tops of different shapes, with radii of variegated marbles, and centres and borders of flowers.—ENRICO BOSI, *manu.* Florence, Tuscany.

6 Tables in Florentine mosaic.—GAETANO BIANCHINI, *manu.* Florence, Tuscany.

7 Various fruits imitated in marble.—C. ANDREOLI, *manu.*

8 Mosaic table and vases in fine marble.—TREBBI, *manu.* Rome.

9 Pair of alabaster candelabra.—OTTAVIO SOLARI, *manu.* Florence. [Centre.]

10 Pair of vases of white statuary marble.—PIETRO FONTANA, *manu.* Carrara, Modena.

11 Mantel-piece of statuary marble.—VINCENZO LIVI, *manu.* Carrara, Modena.

12 Mantel-piece of statuary marble with bas-relief of Guido's Aurora.—F. PACCHIANI, *manu.* Florence, Tuscany.

13 Two columns in oriental granite with marble capitals.—TREBBI, Rome.

14 Pavement of Roman mosaic in "pietra semi-dura."—TREBBI, Rome.

CLASS 28.

Manufactures from Animal or Vegetable Substances, not woven or felted, or otherwise specified.

1 Three vases of flowers carved in wood.—BORGO S. PEPINO, Dalmazzo, near Turin, Sardinia.

2 A bracket sculptured in wood, representing the chase of the wolf.—G. GALLIENA, *sculp.* Turin, Sardinia.

3 Two vases in richly carved wood, gilded externally, and lined with copper.—G. TORSEGNO, *manu.* Genoa.

4 Specimens of braids of chips for hats.—F. G. SCHMIDT, *manu.* Genoa, Sardinia.

5 Braids of fine willow chips for hats and chip hats.—TAMASSIA & BAZZOLI, *manu.* Mirandola, Modena.

6 Specimens of pencils and brushes of all descriptions.—GIO. FINO, *manu.* Turin, Sardinia.

7 Two jewel caskets of iron-wood, ornamented in Florentine mosaic.—ENRICO BOSIS, *manu.* Florence, Tuscany.

8 Twisted canes of the wood of the orange tree.—G. CIANDO, *manu.* Nice, Sardinia.

9 An ivory crucifix.—A. BRILLA, Sarona, Sardinia.

10 Various specimens of ivory carving.—FATHER CARLO ANTONIO, Genoa, Sardinia.

11 Picture in wood—mosaic.—T. GARASSINO, Savona, Sardinia.

12 Two ivory crucifixes.—V. GARASSINO, Savona, Sardinia.

13 Two ivory crucifixes.—G. RAMELLA, Turin.
14 Picture in wood—mosaic.—GIUSEPPE CIAUDO, Nice, Sardinia.
15 Miniature frame of carved box-wood.—G. BENELLI, Florence, Tuscany.
16 Specimen of ivory carving—"Italy weeping over the tomb of the martyrs in 1848."—S. VALLÉ, Genoa, Sardinia.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Specimens of toilette soaps.—PIETRO FABRE-REPETTO, *manu.* Porto Maurizio, Sardinia.
2 Jewel cases and fancy boxes in shell, morocco, and various kinds of wood.—WIDOW DUPRÉ & SON, *manu.* Turin, Sardinia.
3 Specimens of superfine white soap.—M. SCHIELOTTO, Porto Maurizio, Genoa, Sardinia.
4 Specimens of fine shaving soap.—J. B. AQUARONE & Co. *manu.* Porto Maurizio, Sardinia.
5 Specimens of fine soap.—E. CONTI & SON, *manu.* Leghorn, Tuscany.
6 Wax flowers.—GIANI, Florence, Sardinia.

CLASS 30.

Musical Instruments

1 Guitar with twelve strings, of new invention; two violins.—GIUSEPPE ROCCA, *inv. & manu.* Turin, Sardinia.

CLASS 31.

Fine Arts, Statuary, Paintings, &c

[The Italian paintings in the Picture Gallery are not included in this list. The following objects are distributed through all the Naves of the Palace and in the Italian Courts. The position of those in the Naves and in the centre is indicated upon the printed plan of each Nave, in the first part of the Catalogue. For this reason, no reference is made here to the position, and the works are catalogued in groups, from the different states.]

[CONTRIBUTION FROM HIS HOLINESS POPE PIUS IX.]

A Copy, in mosaic stone, of Guercino's celebrated picture of St. John the Baptist, executed at the Mosaic Manufactory of the Vatican.

[TUSCANY.]

1 Marble bust of Iris.—LUIGI CARTEI, *sculp.* Florence.
2 "Hagar and Ishmael in the desert,"—a group in marble.—LUIGI CASELLI, *sculp.* Florence.
3 Marble bust of Lord Palmerston.—LUIGI FABBRUCCI, *sculp.* Florence.
4 Statue of "Harpocrates,

5 "Cupid in a mischievous mood;"—two works in marble, by EMILIO SANTARELLI, Florence.
6 Statue of "Truth."
7 A tipsy Bacchus.
8 Virgin of the Eucharist—a bas-relief;—three works in marble, by ULISSE CAMBI, *sculp.* Florence.
9 The Betrothed, a bust,
10 The Son of William Tell; two works in marble, by PASQUALE ROMANELLI, *sculp.* Florence.
11 The genius of Sacred Music,
12 Bust of "Laura;"—two works in marble, by VINCENZO CONSANI, *sculp.* Florence.
13 The Sleep of Innocence, in marble.—GIOVANNI DUPRÉ, *sculp.* Florence.
14 "John the Baptist Sleeping," in marble.—LUIGI MAGI, *sculp.* Florence.
15 The death of Ferruccio; statuette in marble.—DOMENICO GIAMPAOLI, Lucca.
16 Genius of Death; a cast in plaster.—F. VINCENTI, *sculp.* Lucca.
17 "Rebecca,"
18 Faithful Love,
19 The Child's First Grief,
20 Bust of Cleopatra,
21 Bust of Heloise;—five works in marble.—ENRICO VASSÉ, *sculp.* Florence.

[ROME.]

22 The Mendicant, in marble.—GIOVANNI STRAZZA, *sculp.* Rome.
23 Shepherdess and Bird; statue in marble.—ANGELO BIENAIMÉ, *sculp.* Rome.
24 Virgin and Child; a bas-relief in marble.—CHEVALIER LABOUREUR, *sculp.* Rome.
25 The Guardian Angel,
26 Psyche sorrowing;—two works in marble.—LUIGI BIENAIMÉ, *sculp.* Rome.
27 Cupid leaning on a wine-skin; statuette in marble.—ACHILLE STOCCHI, *sculp.* Rome.
28 Marble bas-relief of the Virgin and Child.—ENRICO M. IMHOF, *sculp.* Rome.
29 Cupid with the arms of Mars,
30 The sacrifice of a Goat; a bas-relief,
31 Three Female Dancers; a bas-relief,
Three works in marble.—A. JERICHAU, (of Copenhagen) *sculp.* Rome.

[MODENA.]

32 Marble statue of Columbus, from an original model, by SIGNOR COSTA, of Florence.—DEL MEDICO STAFFETTI, BROTHERS, *sculp.* Carrara.
33 A Bacchante,
34 A Nymph, wreathing herself with flowers,
35 The Genius of Summer,
36 The Genius of Spring,
37 Herminia writing the name of Tancred,
38 Poetry;—six original works in marble.—FERDINANDO PELLICCIA, *sculp.* Carrara.
39 Cupid and Psyche; copy from the antique, in the capital at Rome,
40 Venus, of the Louvre; two works in marble.—GIUSEPPE ANTONIO FABBRICOTTI, *sculp.* Carrara.
41 Two bas-reliefs of flowers, in marble, and two statuettes of a Dog and a Lamb.—F. ZACCAGNA, *sculp.* Carrara.
42 The Flora del Campidoglia,
43 Faith, from Bartolini,
44 The Dying Gladiator, reduced from the antique,
45 Bust of the Saviour,
45*a* St. John the Baptist,

46 Bust of Rousseau;—five works in marble.—EUGENIO BARATTA, *sculp.* Carrara.
47 Marble bust of Pope Pius IX;—a copy from Pietro Tenerani.—FRANCESCO TENERANI, *sculp.* Carrara.
48 Ganymede and the Eagle; a copy from Thorwaldsen,
49 A Bacchante; two works in marble.—PIETRO BIENAIMÉ, *sculp.* Carrara
50 Salver with reliefs, copied from Benvenuto Cellini,
51 Two Lovers going to the Fountain, after a model by Henschel,
52 Hebe, copy from Canova.
53 Mercury, copy from Thorwaldsen.
Four works in marble.—TOMMASO LAZZERINI, *sculp.* Carrara.
54 Marble bust of Washington.—ERCOLE BOGAZZI, *sculp.* Carrara.
55 Copy of the Warwick Vase, on sculptured pedestal,
56 Copy of the Flora del Campidoglio,
57 The Pet bird,
58 Bust of the Apollo Belvedere,
59 Bust of Copernicus,
60 Copy of the Diana of the Louvre,
61 Bust of Dante,
62 Bust of Jupiter, from the antique,
63 Bust of Shakspeare,
64 Statue of a Madonna,
65 Faith, after Bartolini,
Eleven works in marble.—NICOLA MARCHETTI, *sculp.* Carrara.
66 Statue of Marcus Tullius Cicero,
67 Bust of Paris;—two works in marble.—PIETRO FONTANA, *sculp.* Carrara.
68 The Shepherdess and Lamb,
69 The struggle for the heart, after Fiammingo;—six works in marble.—GEROLAMO ORLANDI, *sculp.* Carrara.

[SARDINIA.]

70 Ceres, after the antique
71 Venus, after Canova,
72 Child with a bird, after the antique,
73 Psyche,
74 Poetry,
75 Bust of Vincenzo Gioberti;
Six works in marble, by ANGELO BRUNERI, *sculp.* Turin.
76 The Virgin mourning over the dead body of Christ.—AMEDEO AUGERO, *sculp.* Turin.
77 Statuette, in plaster, of Ceres,
78 do of Flora.—GIOVANNI BATTISTA FRUMENTO, *sculp.* Genoa.
79 Bust of the Virgin.
80 The Angel of the Annunciation; two works in marble.—GASPARE GALEAZZI, *sculp.* Turin.
81 Marble busts of a boy and girl.—LUIGI CAUDA, *sculp.* Turin.
82 John the Baptist, a bas-relief in marble.—EDOARDO BONANATI, *sculp.* Turin.
83 Military trophy in statuary marble.—GIOVANNI BATTISTA C. BOLLO, *sculp.* Genoa.

84 Various miniatures on ivory.—C. MUZZARELLI, *artist*, Bologna
85 Miniatures on ivory.—CAMILLA WEITZECKER CHARBONNIER, *artist*, Turin, Sardinia.
86 Engravings from copper plates.—A. PEREITTI, *eng.* Florence, Tuscany.
87 Picture cut in paper; representing "King Victor Emanuel taking the oath to the Constitution."—DON FRANCESCO GRASSI, Sardinia.

BRITISH POSSESSIONS.

CANADA.

DIVISION D. COURTS 1 AND 2.

CLASS 1.

[See note to this class in the United States, p. 25.]

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Cod liver oil.—F. & M. LESPERANCE, *manu.* Quebec, Canada East.

2 Samples of potash, containing 90 per cent. of alkali.—P. BRENNAN, *manu.* Montreal, Canada East.

3 Samples of drugs, &c., manufactured at "THE LACHINE CANAL LINSEED OIL AND DRUG MILL," viz. Pulv. Rad. Ipecac.; P. R. Jalapi; P. R. Rhei Ind.; P. R. Rhei Tky.; P. R. Scyllæ; P. R. Zing. Jam.; Pulv. Gum. Gambogiæ; P. G. Opii Tky.; P. G. Myrrhæ, Tky.; P. G. Acaciæ Tky.; P. G. Scammon.; Pulv. Potass. Bitart.; P. Cort. Cinchos. lanif.; Pulv. Gallæ; raw and boiled linseed oils and Canada balsam.—WM. LYMAN & CO., *manu.* Montreal, Canada East.

CLASS 3.

Substances Used as Food.—Tobacco, Snuff, &c.

1 Sample of timothy seed.—HYPOLITE BLOUIN, *prod.* Berthier, Eubas, Canada East.

2 Sample of wheat.—LOUIS BOIVIN, *prod.* Cacouna, Canada East.

3 Sample of beans.—M. PACQUET, *prod.* Quebec District, Canada East.

4 Samples of skinless barley, and Canadian oats.—FRANÇOIS CONTINE, *prod.* St. Ambroise, Canada East.

5 Samples of cigars.—GEO. PARÉ, *manu.* St. Roch's, Quebec, Canada East.

6 A box containing varieties of maple sugar and syrup.—LAMBLY, *prop.* Quebec, Canada East.

7 Samples of maple sugar.—LOUIS DUTILLE, *manu.* St. Joseph, Canada East.

8 Sample of maple sugar.—J. W. BAILEY, *manu.* Megantic, Canada East.

9 Sample of colored beans.—Madame LAMÈRE, *prod.* St. Laurente, Canada East.

10 Samples of wheat, of cheese, of peas, and of oats.—J. MUIR, *manu. and prod.* Hinchinbroke, Canada East.

11 Samples of honey and of peas.—ANGUS MCNAUGHTON, *prod.* Hinchinbroke, Canada East.

12 Samples of wine crackers.—JOHN ROBB, *manu.* Montreal, Canada East.

13 Sample of buckwheat flour.—EDWARD TRENHOLM, *prod.* Kingsy, Canada East.

14 Samples of haws.—C. REINHART, *prod.* Montreal, Canada East.

15 Samples of maple syrup and of maple sugar.—ASA WESTOVER, *prod. and manu.* Dunham, Canada East.

16 Samples of maple sugar in cakes and granulated.—BETSY ROUSSEAU, *manu.* St. Hilaire, Canada East.

17 Samples of peas.—SMITH BARTLETT, *prod.* Belleville, Canada West.

18 Sample of wheat.—JOHN B. CARPENTER, *prod.* Townsend, Canada West (exhibited by the Agricultural Society of Toronto).

19 Samples of snuff.—R. MCMULLEN, *manu.* Toronto, Canada West.

20 One dozen bottles Cobourg sauce.—P. C. SINCLAIR, *manu.* Cobourg, Canada West.

21 Samples of barley.—E. W. THOMPSON, *prod.* Toronto, Canada West.

22 Sample of white marrow-fat peas.—JAMES HERRING, *prod.* Toronto, Canada West.

23 Sample of flour, extra superfine.—A. PRIFFIER, *manu.* Ransom Mills, Waterdown, Canada West.

24 Samples of flour.—J. D. EWART, *manu.* Dundas, Canada West.

25 Samples of pot and pearl barley.—FRANCIS SILVERTHORNE, *prod.* Toronto Township, Canada West.

26 Samples of flour ("superfine, double cooled").—L. A. CUMMER, *manu.* Waterdown Mills, Canada West.

CLASS 4.

Vegetable and Animal Substances Employed in Manufactures.

1 Samples of flax seed and of dressed flax.—M. PECQUET, *prod.* Quebec District, Canada East.

2 Samples of vegetable fibre prepared from the "Cottonier," or wild asparagus of Canada (Asclepias Canadensis?), believed to be of importance as a substitute for flax or hemp—the milk of the plant supposed to be available as a substitute for gutta percha.—Hon. G. JOLY, *prop.* Lotbinière, Canada East.

3 Samples of Tuscan straw, bleached and unbleached.—Madame COUTURE, *prod.* St. Ambroise, Canada East.

4 Samples of patent porpoise leather oil (obtained first prize at the Provincial Exhibition of Canada in 1850, and a diploma at the World's Fair, London, 1851), of patent seal oil, of patent whale oil, and dog-fish oil.—C. H. TETU, *manu.* Rivière-Ouelle, Canada East.

5 A pine board 8 feet × 28 in. × ½ in.—E. OVERELL, *manu.* Quebec.

6 Sample of glue prepared from common stock, called tanners' pieces, or "scrows."—ARCH. MCFARLANE, *manu.* Montreal, Canada East.

7 Samples of the seed of "Camelina sativa," or "gold of pleasure" (commonly called Siberian oil seed).—JAS. FISHER, *prod.* R. des Prairies, Canada East.

8 A pine plank, 12 ft. × 38½ in. × 2 in.—WM. PARKER, & Co., *manu.* Huntersville, Canada East.

CLASS 5.

Machines for Direct Use, Carriages, &c.

1 A double phaeton, with hood, pole, and shafts.—E. GINGRAS, *manu.* Quebec, Canada East.

2 Carriages and sleighs.—J. J. SAURIN, *manu.* Quebec, Canada East.

CLASS 7.

1 Model, with drawings and description of a tubular hot-air furnace.—Z. CHARTRÉ, *inv. and manu.* Quebec, Canada East.

2 Models and descriptive drawings of warming and ventilating apparatus and contrivances.—W. ANTROBUS HOLWELL, *inv.* Quebec, Canada East.

3 Architectural drawing, by H. W. AUSTIN, *civil engineer*, Quebec, Canada East.

4 Doors and door frame, with architrave—made by machinery.—JOHN OSTELE, Montreal, Canada East.

CLASS 8.

1 Voyageurs' bark canoe.—HON. HUDSON'S BAY COMPANY, *prop.* Lachine, Canada East.

CLASS 9.

Agricultural, Horticultural, and Dairy Machines and Implements.

1 A fruit gatherer.—W. ANTROBUS HOLWELL, *inv.* Quebec, Canada East.

2 A seed sower.—JOHN ROBERTSON, *inv. and manu.* Long Point, Canada East.

3 A patent plough.—SAMUEL HULBERT, *inv.* Prescott, Canada West.

4 Various spades and shovels.—JONES & Co., *manu.* Gunanogue, Canada West.

5 A threshing machine and separator.—VAN BROCKLIN, WINTER & Co., *inv. and manu.* Brantford, Canada West.

CLASS 10.

Philosophical Instruments and Products resulting from their use; including Horological and Surgical Instruments and Appliances.

1 A map of the United States, &c., executed with a pen by a boy fourteen years.—JOHN ESTERHART, Laprairie, Canada East.

2 A set of splints for fractures.—Dr. KERR, *inv.* Galt, Canada West.

CLASS 12.

Manufactures of Wool.

1 Samples of white and colored worsted yarn, of flannel, and of worsted stuff.—Madame J. B. BOUCHARD, *manu.* Quebec, Canada East.

2 Samples of white wool and blue cloth, and blanket.—JACQUES MERIN, *manu.* St. Henri, Canada East.

3 A blanket.—FRANÇOIS ANDY, *manu.* St. Aureline, Canada East.

4 A woollen counterpane, a piece of blue and white check stuff (all wool), and one of woollen plaid stuff.—J. TETU, *manu.* Berthier, Canada East.

5 Grey frieze cloth (etoffe du pays) and woollen plaid.—F. X. BEAUDOIN, *manu.* St. Henri, Canada East.

7 A card containing forty shades of colored worsted; a blanket and a plaid counterpane.—Madame L. PICARD, *manu.* St. Pierre, Canada East.

8 A piece of blue cloth, and one of plaid stuff (all wool).—Madame CAMPEAU, *manu.* St. Jervais, Canada East.

9 A piece of flannel.—FRANÇOIS PARADIS, *manu.* Canada East.

10 A piece of blue cloth.—QUEBEC LOCAL COMMITTEE, *prop.*

11 Samples of clouded blue, grey, white, and superfine white knitting yarns.—W. A. CLARK, *manu.* Toronto, Canada West.

12 Specimens of blankets.—J. PATTERSON, *manu.* Elgin Mills, Dundas, Canada West. (N. B. Blankets from this manufactory obtained a prize-medal at the London Exhibition in 1851, and were purchased for Her Majesty the Queen of England, at $25 per pair. These samples are considered much superior to the former ones.)

CLASS 14.

Manufactures of Flax and Hemp.

1 Samples of bleached linen thread and bleached linen.—Madame BOUCHARD, *manu.* St. Valière, Canada East.

2 Samples of unbleached linen thread.—M. PAQUET, *manu.* Canada East.

3 A piece of unbleached linen.—FRANS. PARADIS, *manu.* Canada East.

4 A piece of grey linen.—JAQUES MORIN, *manu.* St. Henri, Canada East.

5 Samples of bleached and unbleached linen.—JOSEPH TETU, *manu.* Berthier, Canada East.

6 Samples of deep sea lead-line and other cordage.—R. HENDERSON, *manu.* Beauport, Canada East.

CLASS 15.

Mixed Fabrics, Shawls, Vestings, etc.

1 A piece of mixed stuff.—JOSEPH TETU, *manu.* Berthier, Canada West.
2 A piece of mixed flannel.—F. X. BEAUDOIN, *manu.* St. Henri, Canada East.
3 A piece of mixed striped cloth.—JACQUES MORIN, *manu.* St. Henri, Canada East.
4 A white knitted shawl and a woollen plaid shawl.—Madame LAMEUREX, *manu.* St. Henri, Canada East.
5 A knitted woollen shawl.—Madame AUBÉ, *manu.* St. Jervais, Canada East.
6 A plaid shawl.—Madame BOUCHARD, *manu.* St. Valière, Canada East.
7 A knitted woollen shawl.—Madame CAMPEAU, *manu.* St. Jervais, Canada East.
8 A woollen plaid shawl.—Madame S. PICARD, *manu.* St. Pierre, Canada East.
9 A knitted woollen shawl.—Demoiselle P. MARTEL, *manu.* St. Ambroise, Canada East.
10 A woollen shawl (black and grey).—Mrs. MCDONALD, *manu.* Portneuf, Canada East.

CLASS 16.

Leather, Furs, and their Manufactures.

1 Samples of porpoise leather; brown or velvet, and light and strong black (obtained a prize-medal at the London Exhibition, 1851).—C. H. TETU, *manu.* Rivière Ouelle, Canada East.
2 The "Duplex safety rein" (patented in Canada, 1853) for insuring complete control of the horse in riding or driving, without *needlessly* curbing or fretting the animal, and with only one rein.—W. ANTROBUS HOLWELL, *inv.* Quebec, Canada East.
3 Specimens of moose deer skins, dressed and undressed, prepared by the Indians of Lorette, near Quebec.—LOCAL EXHIBITION COMMITTEE, *prop.* Quebec, Canada East.
4 Flexible leather branch pipe.—WM. FERGUSON, *inv. and manu.* Montreal, Canada East.
5 "Master piece" sleigh robe, composed of 9,317 pieces of fur.—J. LOMER, *manu.* Montreal, Canada East.
6 A collection of furs, viz., two beavers, two black bears, one otter, one fisher, three martens, three minks, one silver fox, one cross fox, one red fox, three lynx, two raccoons, two black squirrels, six muskrats, and one seal; also one dressed reindeer skin.—HUDSON'S BAY COMPANY, *prop.* Hudson's Bay House, Lachine, Canada East.
7 Specimens of cochineal red and black roans, and of white lamb-skin linings.—W. A. CLARK, *manu.* Toronto, Canada West.
8 Specimens of heavy Spanish sole leather.—OLIVER T. MACKLEM, *manu.* Chippewa, Canada West.

CLASS 19.

Tapestry, including Carpets, Embroidery, Fancy Needle Work, &c.

1 Thread-lace collars and ornaments, and priest's white knitted surplice.—J. TETU, *manu.* Berthier, Canada East.

2 A knitted dinner table cover.—Madame JOBIN, *manu.* Quebec, Canada East.

3 A knitted counterpane; set of knitted bleached linen curtains and lace caps.—Madame J. B. BOUCHARD, *manu.* St. Valière, Canada East.

4 Knitted table covers, and lace caps and collars.—Demoiselle P. MARTEL, *manu.* St. Ambroise, Canada East.

5 A patch-work silk cushion.—Miss NEILSON, *manu.* Quebec, Canada East.

6 A rose point lace collar.—Miss KATE THOMPSON, *manu.* Toronto, Canada West.

7 A knitted cradle quilt.—Miss ELIZA DUTTON, *manu.* Montreal, Canada East.

8 A complete set of embroidered furniture; consisting of seats and backs for ottoman, arm-chair, French chair, footstool, piano-stool, and six chairs.—Demoiselle GLOBRUSKY, *manu.* Lachine, Canada East.

9 A large embroidered Berlin wool carpet, worked by the ladies of Toronto, for the benefit of St. George's church.—JAMES MCGRATH, *prop.* Quebec, Canada West.

10 A large embroidered Berlin wool carpet, worked by the ladies of Hamilton, for the benefit of their church.—The Rev. J. G. GEDDES, *prop.* Hamilton, Canada West.

CLASS 20

Wearing Apparel.

1 Specimens of woollen stockings.—Mad. LAURENT GEUCH, *manu.* Canada East.

2 A pair of knitted woollen over socks.—Mad. J. B. JOBEN, *manu.* Quebec, Canada East.

3 Knitted woollen night-caps.—Mad. BOUCHARD, *manu.* St. Valiere, Canada East.

4 Specimens of woollen stockings.—Madame AUBÉ, *manu.* Canada East.

5 Woollen night caps.—J. TETU, *manu.* Berthier, Canada East.

6 A pair of cavalier, or driving boots, with continuations; and a pair of original snow shoe fastenings.—Jos. BARBEAU, *des. and manu.* Quebec, Canada East.

7 Men's and women's snow shoes and moccasins (for walking and snow shoeing), slippers and slipper patterns, manufactured and ornamented by the Indians of Lorette, near Quebec, and exhibited by the Quebec Local Exhibition Committee.

8 A lady's fancy boots.—JAMES GORDON, *manu.* Quebec, Canada East.

9 Straw bonnets and hats.—MADELINE MARTEL, *manu.* St. Ambroise, Canada East.

10 Straw hats and knitted woollen stockings.—Mad. COUTURE, *manu.* St. Ambroise, Canada East.

11 Straw hats.—JUDITH MARTEL, *manu.* St. Ambroise, Canada East.

12 Straw bonnets and hats.—Demoiselle DECHEUON, *manu.* Lorette, Canada East.

13 Hay hats.—Mad. LOUIS PICARD, *manu.* Canada East.

14 A fancy straw bonnet.—Miss JULIA KEENAN, *manu.* St. Sylvestre, Canada East.

15 A woollen comforter.—Demoiselle P. MARTEL, *manu.* St. Ambroise, Canada East.

16 A baby's knitted dress.—Mrs. THOMPSON, *manu.* Quebec, Canada East.

17 A Tuscan bonnet and Tuscan hats.—Madame QUINTALLE, *manu.* Vercheris, Canada East.

18 A reversible coat, Canadian cloth capot on one side, and fine cloth overcoat on the other.—W. & H. F. ADAMS, *manu.* Montreal, Canada East.

19 A pair of snow shoes.—Hon. HUDSON'S BAY COMP., *prop.* Lachine, Canada East.

20 A pair of brogues, cut from a single piece of leather, with vellum cut pattern.—JOHN POLSON, *des. and manu.* Toronto, Canada West.

CLASS 21.

Cutlery and Edge Tools.

1 Specimens of cast steel felling axes.—G. LEAVITT, *manu.* Dundas, Canada West.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, etc.

1 Specimens of improved horse shoes.—HOWARD, *manu.* Quebec, Canada East.

2 Specimens of improved horse shoes.—THOMAS H. MCLEAN, *manu.* Quebec, Canada East.

3 An improved hip bath; shower bath; easy chair and commode.—HIRAM PIPER, *des. and manu.* Toronto, Canada West.

4 A Victoria drawing-room stove; a gothic air-tight parlor stove, and a gothic open front stove.—OLIVER T. MACKLEUR, *manu.* Chippawa, Canada West.

5 A patent ventilating stove.—Sheriff RUTLAND, *inv.* Cobourg, Canada West.

6 "The kitchen queen cooking stove (patented in Canada).—J. K. GRIFFIN, *inv. and manu.* Burford, Canada West.

CLASS 25.

Porcelain and other Ceramic Manufactures.

1 Specimens of white, red, figured, and glazed vases; jugs, flower pots, water bottles, dishes, bowls, tea services, and water pipes.—Messrs. BELL, *manu.* Quebec, Canada East.

2 Green glazed vase; ornamented modern bricks, and roofing tiles.—MCLAREN, *manu.* Yamaska Pottery, Canada East.

CLASS 26.

Decorative Furniture, etc.

1 A fancy table top, of birds' eye maple, ornamented with natural maple leaves, exhibiting the varied and beautiful autumnal tints.—Colonel IRVINE, A. D. C., *prop.* Quebec, Canada East.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, etc

1 A baptismal font (style, early gothic,) of Pictou stone.—JAS. MORGAN, *des and manu.* Quebec, Canada East.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not Woven or Felted, or Otherwise Specified.

1 A bundle of straw plait.—M. MCKINSTY, *manu.* Bair-de-St. Paul, Canada East.
2 Straw plait.—MADELINE MARTEL, *manu.* St. Ambroise, Canada East.
3 A bundle of shingles.—WM. PARKER & Co., *manu.* Huntersville, Canada East.
4 Specimens of axe-handles.—THOMAS MOORE, *manu.* Thornhill, Canada West.

CLASS 29.

Miscellaneous Manufactures, etc.

1 A pair of hooped wooden bottles.—Jos. DUBEAU, *manu.* Quebec, Canada East.
2 Two straw boxes.—SALEUR LECOMTE, *manu.* Quebec, Canada East.
3 Wax fruit.—Miss COCHRANE, *manu.* Quebec, Canada East.
4 A money purse, table mats, knife sheath, mink and muskrat skin bags; ornamented moose-deer's and cariboo feet; bark work card trays, baskets, segar cases, fan, watch-holders, and card cases; prepared, manufactured and ornamented by the Lorette Indians, and exhibited by the Quebec Industrial Exhibition Committee.
5 Specimens of salmon and trout flies, and fishing-tackle.—THOMAS DUNCAN, *manu.* Montreal, Canada East.
6 A large bark box, elaborately worked with moose hair, &c.—Miss CAROLINE SCHILLER, *manu.* Montreal, Canada East.
7 A literary, political, and religious manuscript journal, from 1789 to 1853.—FRAS. VALADE, *prop.* Longueil, Montreal, Canada East.

CLASS 30.

Musical Instruments.

1 An improved registered cornopeon.—J. B. ZEIGLER, 66th regiment, B. A., *inv.* Quebec, Canada East.

CLASS 31.

Fine Arts.

1 Carved wooden medallion of St. Peter, by F. X. BERLINGUET, Quebec, Canada East.

2 Large painting, representing the "presentation" of an Indian Chief, ("Hot-sa-wa-ti," alias Robert Symes, Esq., J. P. of Quebec,) with original portraits of the principal Indians of Lorette; painted by H. D. THIELCKE, Quebec.—R. SYMES, *prop.* Quebec, Canada East.

3 Historical painting, "Adam and Eve," by H. D. THIELCKE, Quebec, Canada East.

4 Portrait of "Josephte Ourriée," daughter of an Indian Chief of the Abenagui tribe, by JOSEPH LEGARÉ, Quebec, Canada East.

5 Large original fruit piece.—JOSEPH LEGARÉ, Quebec, Canada East.

6 & 7 Two smaller fruit pieces.—JOSEPH LEGARÉ, Quebec, Canada East.

8 Four emblematical designs for industrial exhibition prize diplomas, by JOSEPH T. DUTTON, Montreal, Canada East.

9 A collection of original church music, composed and arranged in full score, with accompaniment for organ or piano-forte, by T. H. ANDREWS, Quebec, Canada East.

10 Large oil painting, "Landscape," by JAS. HAMILTON, Esq. (an amateur), London, Canada West. [The frame in which this picture is placed was manufactured by Mr. EDWARD MILLERS, of London, Canada West.]

11 Flower piece, by Miss ————, Toronto, Canada West.

BRITISH GUIANA.

DIVISION D. COURT 25.

CLASS 2.

Chemical and Pharmaceutical Products and Processes.

1 Barks of curaballi and mariaba from Demarara river; carkaralli nuts and wild coffee.—E. S. BROTHERSON, Demarara.

2 Barks of simaruba officinalis, curahara, wadadura (lecthys grandiflora), muraballi, dahli (viola sebifera), and various stems of medicinal plants used as Indian remedies, from Pomeroon, Essequebo.—W. C. MCCLINTOCK, Demarara.

3 Barks of greenheart tree (nectandria rhodiæi), from Demarara river; angostura (cusparia officinalis), from Pomeroon; mangrove (rizaphora racemosa), from Demarara.—J. S. STUTCHBURY, Demarara.

4 Barks of male cashew and the hog-plum (spondias lutea).—GEORGE TIGHIE, Demarara.

5 Stems of quassia amara.—H. M. GREENE, Demarara.

6 Stems of boieari.—B. RIES, Demarara.

7 Stems of cramata, from Berbice river.—JOHN MCCLELLAND, Demarara.

8 Accawai nuts (acrodiclidium camara), from Demarara river.—JOHN TAGGART.

9 Physic nuts (jatropha curcas).—D. POWELL, Demarara.

10 Carapa nut in the capsule (xylocarpa carapa).—W. C. MCCLINTOCK, Pomeroon.

11 Creeping plant, supposed to be the Guaco.—W. P. LATORFF, Demarara.

12 Conima braziliensis.—W. H. HOLMES, Essequebo.

13 Fit-weed (eryngium fœtidum).—DANIEL BLAIR, Demarara.

14 Hyawa gum (icica heptaphilla).—W. C. MCCLINTOCK, Pomeroon.

15 Laurel oil; balsam copaiba; crab oil; sulphate of biberine.—J. S. STUTCHBURY, Demarara.

16 Laurel oil.—R. J. KNOWLES.

17 Sulphate of biberine from the nectandria rhodiæi.—Dr. HUGH RODIE, Demarara.

18 Mocco-mocco juice (caladium arborescens).—Dr. J. ROSS, Essequebo.

CLASS 3.

Substances used as Food.

1 Vacuum pan sugar, colored and uncolored; specimens of rum.—THOMAS PORTER, Demarara.

2 Vacuum pan sugar.—GEORGE ANDERSON, Demarara.

3 Sugar loaves and samples of sugar.—JAMES LAING, Berbice.

4 Samples of sugar and colored rum.—W. P. & E. T. HENRY, Berbice.

5 Rice (oryza sativa), from Canje Creek.—E. T. HENRY, Berbice.

6 Rice from Canje Creek, Berbice.—G. P. TOWNSEND.

7 Rice, cocoa-seeds (theobroma cocoa), and tobacco, prepared by the Indians.—JOHN CULLEN, St. Rose Mission, Morocco Creek, Pomeroon.

8 Maize (zea mays), coffee, bread fruit (artocarpus incisa), dried and sliced, and seed of the tobacco.—W C. MCCLINTOCK, Pomeroon.

9 Maize; pigeon pease dried (cajanus flavus); capsicum, dried and ground; Birambi fruit (averrhoa sp).—J. S. STUTCHBURY, Demarara.

10 Coffee (coffea Arabica), specimens in the outer husk, second skin and pearl; cocoa seeds.—A. D. VANDER GON NETSCHER, Demarara river.

11 Coffee (pearl); plantation meal; cassareep, the inspissated juice of the cassava.—GEORGE TIGHE, Demarara.

12 Stinking weed seed (cassia occidentalis).—D. J. Ross, Essequebo.

13 Capsicums and samples of pickles.—W. H. HOLMES, Demarara.

14 Plantains (musa paradisiaca), unripe, ripe, and sliced; plantain meal, and vinegar from the ripe fruit.—SAMUEL BLAIR, Inver Island, Demarara.

15 Banana (musa sapientum), ripe.—Mrs. BLAIR, Inver Island, Demarara.

16 Plantain meal.—GEORGE ROSS, Demarara river.

17 Bread fruit farina.—H. CARTWRIGHT, Essequebo.

18 Vanilla, dried fruit.—Mrs. DONALD, Demarara.

19 Cassava bitter roots, dried and in meal; Cassareep.—Mrs. MCCLINTOCK, Pomeroon.

20 Cassava bitter meal, baked into bread.—Mrs. HALY, Demarara.

21 Cassava bitter meal bread; arrow root (maranta arundinacea).—H. T. GARNETT, Essequebo.

22 Cassava, sweet, and meal.—Mrs. STUTCHBURY, Demarara.

23 Arrow-root.—JOHN CROAL, Demarara.

CLASS 4.

Vegetable and Animal Substances employed in Manufactures.

1 Plantain fibre (Musa paradisiaca) ochre fibre.—JOHN ALLT, Demarara.

2 Plantain fibre from stems, six to eight months old; and after bearing fruit. Agave, or wild aloe fibre (Agave Americana). Cotton cleaned (Gossypium arboreum).—A. D. VANDER VON NETSCHER, Demarara.

3 Banana fibre.—JOHN LAWRIE, Demarara.

4 Ita-palm fibre (Mauritia flexuosa) made into twine; seed vessels of the monkey pot (lecthys grandiflora); Troolie palm fibre (Manicaria saccifera); mora tree (Mora excelsa); Indian or buckshot seed; acuyuri seeds; Palm seeds producing vegetable ivory; inner bark of the black kakaralli; Indian dye; caoutchouc.—W. MCCLINTOCK, Pomeroon.

5 Ita or manita palm fibre; hammock rope; mahoe fibre (Thespesia populea); silk grass; bitter cassava starch; annatto and prepared seed (Bixa orellana).—JOHN CULLEN, St. Rose Mission, Essequebo.

6 Cotton cleaned, from Mahaica river; plantain starch fibre, and dried stem, from Inver Island; Rhizaphora mangle for dyeing chocolate color, from Demarara river.—DANIEL BLAIR, Demarara.

7 Cotton; brown variety, from interior British Guiana.—H. C. BETTS, Demarara.

8 Ipecacuanha; wild cotton or down (Asclepius curassavica).—G. MCFARLANE, Demarara.

9 Silk-grass fibre; bitter cassava starch.—GEO. ROSS, Demarara.

10 Ochre fibre.—W. P. LATORFF, Demarara.

11 Silk-grass plant (Bromelia sp.)—H. M. GREENE, Demarara river.

12 Cassava starch.—Mrs. MCCLINTOCK, Demarara.

13 Saouari (Caryocar tomentosum); Itava (Blakea triplinervea); hog plum (Spondias lutea) hill mangrove; Taruri (Aspidospermum excelsum); Sirada (Acasia sp. ?) Carapa (Xylocarpus Carapa), a series of barks for tanning; koquerite seeds (Maximiliana regia?); arrow reeds; annatto, prepared in oil; kurukururu seeds; pinguin leaves (Bromelia sp. ?)—E. S. BROTHERSON, Demarara.

14 Turmeric (Curcuma longa).—J. S. STUTCHBURY, from Berbice.

15 A collection of transverse and vertical sections of woods for building and other purposes from Demarara river.—JOHN MANSFIELD, Demarara.
16 A collection of transverse and vertical sections of woods from the penal settlements, Essequebo.—H. CARTWRIGHT.
17 A collection of woods from Massurooni river.—N. BUCHANAN.
18 A collection of sections of woods from Demarara river.—JOHN OUTRIDGE.
19 Bartaballi or marmalade apple.—A. M. GREEN, Demarara.
20 Snake nuts (Ophiocaryon paradoxum).—R. J. KNOWLES, Demarara.
21 Snake nuts.—Mrs. DONALD, Demarara.
22 Snake nuts.—W. LYNG, Demarara.
23 Annatto seed.—JOHN MORISON, Demarara.
24 Annatto seed.—GEORGE ROSS, Demarara.
25 Job's tears' seeds (Coix lachryma).—S. MAGILL, Demarara.
26 Tonquin beans (Dipteryx odorata), fruit and in capsule.—Mrs. HOLMES, Demarara.
27 Soap berries (Sapindus saponaria).—Mrs. BLAIR, Demarara.
28 Mimosa seeds.—THOMAS HUNT, Demarara.
29 Spines from trunks of various palms.—S. MAGILL, Demarara.
30 Locust tree gum resin (Hymenœa courbant).—HENRY MURRAY, Demarara, by MORRISON & KNOX.
31 Milk from cow tree (Tabernæ montana utilis).—W. H. HOLMES, Demarara.
32 Hyawa or incense gum (Icica heptaphilla).—JOHN CULLEN, Demarara.
33 Buck wax or carii manni, from manni tree.—JOHN TAGGART, Demarara.

CLASS 26.

Decorative Furniture and Upholstery, including Papier-Mache, Paper-Hangings and Japanned Goods.

1 A table top exhibiting 133 specimens of woods, the growth of the colony.—A. HUNTER, Demarara.
2 Picture frames made of thirteen native woods, exhibiting illustrations of Sir R. SCHOMBURGK's "Views in British Guiana."

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven or felted, or otherwise specified.

1 A variety of Indian manufactures, including baskets, dyes, fans, flutes, gongs, shields, mats, necklaces, &c.—W. C. MCCLINTOCK, Pomeroon.
2 A collection of Indian beads, baskets, flutes, canoes, paddles, &c.—JOHN CULLEN, Pomeroon.
3 Specimens of Indian manufactures, as necklaces, torches, fans, cassava sifters, shaak-shaaks, &c., &c.—E. S. BROTHERSON, Demarara.
4 Articles of Indian manufacture; model of buckhouse.—W. H. HOLMES, Demarara.
5 Bow and arrows; war-clubs.—JOHN TAGGART, Demarara.
6 Bows and arrows; Indian hat with feathers; queuei war-club.—JAMES DONALD.
7 Bows and arrows, fans, and whips; cassava squeezer, and shaak-shaaks.—F. FUGE, Demarara.
8 Buck pots; goglets.—H. CARTWRIGHT, Demarara.
9 Blow-pipe and quiver.—CHARLES WILDAY, Demarara.

10 Calabashes painted.—W. LING, Demarara.
11 Cotton spun by the Indians; walking stick.—H. G. DALTON, Demarara.
12 Fans and war-clubs.—W. HAYLEY, Demarara.
13 Hammock.—H. M. GREENE, Demarara.
14 Queue.—M. C. GEMMELL, Demarara.
15 Walking-stick.—B. RIES, Demarara.
16 Broom made from the fruit-stalk of the manicole palm.—W. C. MCCLINTOCK, Demarara.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Tiger skin, American jaguar (Felis onca).—STEPHEN GOODMAN, Demarara.
2 Ant eater skin (Myrmecophaga jubata), and porcupine quills.—H. M. GREENE, Demarara.
3 Bird-skins stuffed.—E. S. BROTHERSON, Demarara.
4 Maribunta nest; saw-fish snout (Pristis antiquorum).—JOHN CULLEN, Demarara.
5 Isinglass; dried swim bladder of geelbrick (silurus Parkerii).—MORISON, KNOX & LIVINGSTON, Demarara.
6 Birds' nests.—W. C. MCCLINTOCK, Demarara.

NEWFOUNDLAND.

[The various objects contributed to the Exhibition from the Island of Newfoundland were prepared by, and under the direction of, a Committee of gentlemen, residents of St. John's, of which Committee DR. JOHN WINTER is the chairman. The names of special contributors, as also of manufacturers, are mentioned in the Catalogue, but the whole may properly be considered the contribution of the Committee named.]

DIVISION D. COURT 29.

CLASS 1.

1 Various minerals of Newfoundland (Catalogue deferred).

CLASS 3.

Substances employed as Food.

1 Specimens of barley and oats.—NEWFOUNDLAND AGRICULTURAL SOCIETY, St. John's.
2 Dry codfish.—COMMITTEE.
3 Preserved salmon.—BULLY & MITCHELL, St. John's.
4 Pickled or salted herrings.—COMMITTEE.
5 Smoked caplin, a species of fish.—JUDGE DES BARRES, St. John's.

CLASS 4.

Vegetable and Animal Substances employed in Manufactures.

1 Codfish, seal and other oils; sarsaparilla and snake root dried; prepared for the Committee by I. J. DEARIN, St. John's.
2 Prepared cod fish oil.—WALTER DILLON, St. John's.
3 Newfoundland woods.—COMMITTEE.
4 Seal oil, prepared by J. & W. STEWART, St. John's.

CLASS 8.

Naval Architecture, &c.

1 Model of a ship's hull.—RICHARD KEARNEY, *des.* St. John's.

CLASS 16.

Leathers, Furs, and Hair; and their Manufactures.

1 Skins and furs of white fox, wolverine and crop foxes.—W. &. H. THOMAS, *merchants*, St. John's.
2 Skins of wolves, martens, red foxes, silver and black poles, muskrat, otter and beaver.—C. F. BENNETT & Co. *merchants*, St. John's.
3 Skins of white fox and marten cats.—COMMITTEE.
4 Skins (stuffed naturally) of red foxes, beaver, otter, ermine, Alpine hares, Polar bears, and seals.—COMMITTEE AND MECHANICS' INSTITUTE, *prop.* St. John's.
5 Small white-coat seal, stuffed.—Dr. JOHN WINTER, St. John's.
6 Stuffed red foxes, beaver, otter, ermine, Alpine hares, groups of ptarmigan, ducks, owls, bittern, loon, seals, polar bear, and gulls.—MECHANICS' INSTITUTE, St. John's.

CLASS 17.

Paper and Stationery; Types, Printing and Bookbinding.

1 Volumes of poems, by MRS. PEACE, St. John's.

CLASS 20.

Wearing Apparel.

1 Seal-skin boots.—MORRISON, *manu.* St. John's.
2 Caps of otter-skin, plucked and unplucked.—HILLS, *manu.* St. John's.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

1 Fish-hooks.—NEYLE, *manu.* St. John's.
2 Chimney top piece.—PEACE, *inv. and manu.* St. John's.

CLASS 27.

Manufactures in Marble, Slate, and other Ornamental Stones, Cement, &c., for Construction and Decoration.

1 Manufactured slate.—C. F. BENNETT, St. John's.
2 Manufactured slate.—KNIGHT, St. John's.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Groups of birds;—ptarmigan, ducks, owls, gulls, bitterns and loon.—MECHANICS' INSTITUTE, *prop.* St. John's.
2 Model of seal fishery.—WILLIAM KNIGHT, *maker*, St. John's.

PRINCE EDWARD'S ISLAND.

The articles from this island are specimens of its agricultural productions, and are exhibited for the ROYAL AGRICULTURAL SOCIETY, by Messrs. WHITMAN & WHEELOCK, of New York City. They comprise wheat, buckwheat, white oats, black oats, oatmeal, cheese, butter, lard, pearl barley, timothy and red clover seed, pork, raw flax, and a variety of furs.

DENMARK.

The contributions from this country are exclusively of Statuary, comprising the original plaster models of THORWALDSEN'S group of CHRIST AND HIS APOSTLES, the property of Mr. BECK, the Danish Consul, and the plaster model of Prof. JERICHAU'S ADAM AND EVE, from Copenhagen.

SWEDEN AND NORWAY.

DIVISION D. COURT 1.

CLASS 1.

1 Specimens of sulphuric acid of 66° B.—L. J. HJIRTA & J. MICHAELSON, *manu.* Stockholm, Sweden.

CLASS 3.

Substances employed as Food.

1 Samples of Vasa rye.—D. H. A. THANLOW, *prod.* Modum, Norway.

CLASS 4.

Vegetable and Animal Substances employed in Manufactures.

1 Specimens of various Norwegian woods.—J. P. THESEN, Christiana, Norway.

CLASS 5.

Machines for direct use, including Steam, Hydraulic and Pneumatic Engines, and Railway and other Carriages.

1 Norwegian travelling carriage, called "Kariol."—J. P. THESEN, *prop.* Christiana, Norway.

CLASS 22.

Iron, Brass, Pewter, and General Hardware, including Lamps, Chandeliers, and Kitchen Furniture.

1 Samples of wrought iron, for musket barrels, and iron wire. *prod. and manu.* Soderhamn, Sweden.
2 Samples of steel.—GUSTAF EKMAN, *manu.* Philipstadt, Sweden.

CLASS 28.

Manufactures from Animal and Vegetable Substances, not woven, felted, or otherwise specified.

1 Variety of objects carved in wood, by the Norwegian peasantry; comprising bucket, coal-tub and cover, tobacco and other boxes, jugs, &c.—J. P. THESEN, *prop.* Christiana, Norway.
2 Snow shoes and reindeer antlers.—Dr. H. A. THANLOW, *prop.* Modum, Norway.
3 Samples of oeline potash soap, and stearine candles.—L. J. HJIRTA & MICHAELSON, *manu.* Stockholm, Sweden.

CLASS 29.

Miscellaneous Manufactures and Small Wares, Perfumery, Confectionery, Toys, Taxidermy, &c.

1 Various stuffed specimens of Norwegian animals.—J. P. THESEN, *prop.* Christiana, Norway.

CLASS 30.

Musical Instruments.

1 Psalmodicon, a Norwegian musical instrument.—Dr. H. A. THANLOW, *prop.* Modum, Norway.

MEXICO.

[The following contributions from Mexico are exhibited by CAPTAIN JONAS P. LEVY, of New York City, who collected them during his residence in that country. The unusual nature of the articles renders it difficult and unadvisable to divide them, as usual, into distinct classes.]

1 Mexican vegetable dealers—figures in wax.
2 " water-jar carriers, " " "
3 & 4" tortilla bakers, &c. " " "
5 Various specimens of Mexican fruits in wax.
7 Poisonous spiders (Tarantula).
8 Silver ore and crystallizations.
9 Copper, gold, and silver, in one fragment of ore.
10 Collection of animals,—apes, monkeys, and men, birds, &c., carved from calcine rock, by a deaf and dumb Indian, at Quaretio, in 1850.
11 Human skeleton (one inch in length), from and by the same.
12 Earthen figures, made by the Aztecs, and dug out of graves near Mexico.
13 Specimens of native colored marbles.
14 Marble figure, sculptured by the Aztecs.

[These objects of Aztec art are elaborate and remarkable works obtained from the graves of that long-buried people.]

HAYTI.

[The contributions from this country are contributed by his Majesty FAUSTIN THE FIRST, Emperor of Hayti, through HENRY DELAFIELD, Esq., Consular Agent. They consist of the following articles, which are placed chiefly in Division D. Court 29.]

1 Specimens of coffee.
2 Specimens of chocolate nuts.
3 Castor beans.
4 Honey.
5 Starch.
6 Bark of the silk wood lace, pepper wood, and rosewood trees.
7 Hemp.
8 White and yellow wax.
9 Specimens of paper.
10 Block of mahogany, (acajou à fleur.) [Near the centre.]
11 Bust of the Emperor, [surmounting the block of mahogany.]

SPAIN.

1 Five hanks of raw silk from the manufactory of "Talabera de la Reyna," near Cadiz.—A. REY MARTINEZ & Co., *prop.* Cadiz.—*Agents*, AGUINE & GALWAY New York City.

2 Specimens of candles and soap.—J. BERT & Co., *manu.* Madrid.

PORTUGAL.

1 Specimens of salt.—VILLARINO & SOLERNON, *manu.* Cadiz.

2 Oil, vinegar, sabots, &c.—Chev. J. J. FORRESTER, *prop.*—*Agent*, DAVIS & HENRIQUES, 99 Wall street, New York City.

WEST INDIA ISLANDS.

CUBA.

DIVISION D. COURT 29.

1 Specimens of quinine, and various medical preparations.—A. SANTO, Matanzas.

2 Specimens of Havana cigars.—COOK & FAVARGEN, Havana, A. FAVARGEN, 592 Broadway, New York City.

3 Havana cigars.—MATEO SAENZ & Co., Havana.—*Agent*, A. BERLYN, 113 Pearl street, New York City.

4 Havana cigars.— —— GARCIA, New York City.

5 Sugar.—H. CASAMAJOR, New York City.

BERMUDA.

1 Cedar boxes, &c.—JOHN H. JACKSON, *manu.*

2 Arrow-root.—JOSIAH DICKINSON, *prod.*—MIDDLETON & Co., *imp.* 73 New street, New York City.

RUSSIA.

The only contribution from this country, is a number of pieces of woollen cloths of remarkable weight and finish. They are manufactured by H. A. THILO, at Riga, and are placed with the German woollen fabrics in Court 4, Division C.

LIBERIA.

DIVISION D. COURT 29.

Specimens of coffee, cocoa, and sugar, contributed by Capt. LYNCH, U. S. Navy.

PICTURE CATALOGUE.

CATALOGUE OF THE PICTURE GALLERY.

[*The numbers commence at the centre, and proceeding to the left, continue completely around the Gallery.*]

	Title.	Artist.	Residence.
1	Martin Luther before Charles V. at the Diet of Worms, .	A. Van Pelt,	*Holland.*

Luther was summoned to appear before the Diet at Worms in 1521, and there, on the 13th April, before the Emperor, the Archduke Ferdinand, six electors, twenty-four dukes, seven margraves, thirty bishops and many princes, counts, lords, and ambassadors, defended himself in a speech of two hours' length, closing with the following memorable words:

"Let me then be refuted and convinced by the testimony of the Scriptures or by the clearest argument; otherwise I cannot and will not recant; for it is neither safe nor expedient to act against conscience. Here I take my stand; I can do no otherwise. So help me God! Amen."

2	Portrait of an Old Woman, .	Caroline Smith,	*Dublin.*
3	Landscape, with Canal Scene, .	C. Hoguet,	*Germany.*
4	Colored lithograph from the Chandos portrait of Shakspeare, ...	Vincent Brooks,	*England.*
5	Oil Portrait of Shakspeare, . (Probably an early copy from the "Chandos.")	Unknown,	*England.*
6	Interior Scene, family group, .	A. Plumot,	*Antwerp.*
7	The Sailor's Wedding, . .	R. C. Woodville,	*U. S.*
8	The First of May, . . .	H. Winterhalter.	*London.*

This much admired picture is the property of Queen Victoria, by whose commission it was painted, and by whom it is contributed to the Exhibition. It represents the Duke of Wellington presenting a casket to his god-son, the young Prince Arthur, on the first anniversary of his birth-day. The Crystal Palace in the background commemorates the opening of the Great Exhibition on the same day—May 1st, 1851.

9	Mountain Landscape, . .	G. De Vries,	*Holland.*
10	Marine View, ...	H. K.,	*Holland.*
11	Marine View, ...	C. C. Kannemans,	*Holland.*
12	The Death of the Betrothed, .	Horace Vernet,	*Paris.*

The angel of Death, deeply veiled in black, is represented in the act of bearing off the form of a maiden, while her lover weeps at her couch below.

13	Scene from the Beggars' Opera,	Zephaniah Bell,	*London.*
14	Westphalian Mill, . . .	Theodore Nocken,	*Düsseldorf.*
15	Castle of Kronenburg in Denmark, by moonlight, . .	M. Larson,	*Dusseldorf.*
16	Deputation of Workmen before the City Council, . .	J. P. Hasenclever,	*Dusseldorf.*

An admirable delineation of the revolutionary spirit which was rife in Germany in 1848. The picture tells its own story—of a popular commotion—demands on the city authorities for redress of grievances—surprise and apprehension in the council. Such scenes were not uncommon in the German cities at the period named.

	Title.	Artist.	Residence.
17	The Faithful Watchman, . .	Fred. Happell,	*Düsseldorf.*
18	Forest Scene, ...	C. Jungheim,	*Düsseldorf.*
19	Landscape in the Mountains, .	Geo. Jabin,	*Düsseldorf.*
20	The Lottery Prize, . . .	J. P. Hasenclever,	*Düsseldorf.*

A company of German peasants having won a prize in a lottery, have met at an inn to divide the gold. Their good luck is celebrated by a merry feast and carousal.

21	Sunset on the Lake of Geneva,	William Portmann,	*Düsseldorf.*
22	Portrait of an Old Woman, .	J. Verryt,	*Cologne.*
23	Presentation of a Ring, . .	Caroline Smith,	*Dublin.*
24	Game, from nature, . .	C. L. Nussey,	*England.*
25	Landscape in the Environs of Düsseldorf, . . .	Caspar Scheuren,	*Düsseldorf.*
26	Mill in the Woods, . . .	J. Zielke,	*Düsseldorf.*
27	Jeronimus Jobs, as a Night Watchman, . . .	J. P. Hasenclever,	*Düsseldorf.*

This picture and No. 32, by the same admirable artist, are illustrations of a German comic poem called the "Jobsiade," and widely known. "Jobs" was a "ne'er-do-weel," as the Scotch would say—first a stupid divinity student, he afterwards became a school-master, and failing in that vocation, he turned night watchman.

28	The Intercepted Love Letter, .	C. Hubner,	*Düsseldorf.*
29	"La belle Anglaise," . .	M. Cregan, F.R.H.A.,	*Dublin.*
30	All-Saints Night, . . .	A. Laloir,	*France.*
31	Mountain Bridge, . . .	C. Jungheim,	*Düsseldorf.*
32	Jobs, in the Schoolroom, .	J. P. Hasenclever,	*Düsseldorf.*
33	The Good Samaritan, . .	Moritz Ulffers,	*Düsseldorf.*
34	Ophelia, ...	Leopold Burthe,	*France.*
35	Landscape in Lower Germany,	George Jabin,	*Düsseldorf.*
36	Christ and the Two Disciples at Emmaus, ...	Fred. Ittenbach,	*Düsseldorf.*
37	Italian Singers, . . .	Joseph Fay,	*Düsseldorf.*
38	The rising Thunderstorm, . .	Augustus Weber,	*Düsseldorf.*
39	The Singing Lesson, .	Joseph Niessen,	*Düsseldorf.*
40	Landscape, . . .	W. G. Wagner,	*Holland.*
41	A Forest Inn, . . .	William Klein,	*Düsseldorf.*
42	The Outline, ...	J. P. Hasenclever,	*Düsseldorf.*

This spirited picture is a portrait by his own hand of Hasenclever of Düsseldorf, painting his renowned work, called "The Wine Testers." (*Die Wein Probe.*) He appears to be on good terms with himself and with the objects of "still life" which surround him as models.

43	Fox and Duck, . .	Fr. Happel,	*Düsseldorf.*
44	Dundanian Castle, with dredging boat in foreground, .	Thomas A. Deane,	*Cork, Ireland.*
45	Norwegian Landscape, . .	Augustus Becker,	*Düsseldorf.*
46	Mill by a Brook, . . .	George Jabin,	*Düsseldorf.*
47	Mountain View in Norway, .	Hans Gude,	*Düsseldorf.*
48	The Landgrave of Thuringen—"Frederick, with the bitten cheek,"	R. Siegert,	*Düsseldorf.*
49	Combat of Rinaldo and Ferran, (Episode from Ariosto,) .	Prof. J. Habner,	*Germany.*
50	Winter Landscape . . .	J. G. Lange,	*Düsseldorf.*

	Title.	Artist.	Residence.
51	Diana and her Nymphs in the Bath	Prof. C. Sohn,	*Düsseldorf.*

This is a copy by the artist's hand, of his large picture. His paintings are highly esteemed for the delicacy and life-likeness of their coloring. The myth here illustrated is that of Acteon, who watched Diana while she was bathing, and, discovered by her, was immediately transformed into a stag and torn to pieces by his own dogs.

52	Mother and Child	Jacob Verryt,	*Cologne.*
53	The Irish Village Cross (a Love Ballad)	George J. Mahany,	*Ireland.*
54	Scene in the Rocky Mountains	C. Jungheim,	*Düsseldorf.*
55	Italian Dancers	Joseph Fay,	*Düsseldorf.*
56	Wolf with his Prey attacked by Dogs	F. S. Lachenwitz,	*Düsseldorf.*
57	The Marble Mill of Uttersberg (near Salzburg)	Caspar Scheuren,	*Düsseldorf.*

A good example of the exquisite finish which characterizes the works of this artist, and gives him a high position among the Düsseldorf painters.

58	Village Landscape	B. Fiedler,	*Germany.*
59	Lake Heggi in Norway	M. F. Bagge,	*Düsseldorf.*
60	Chicken surprised by a Fitchet.	Fr. Happel,	*Düsseldorf.*
61	Discovery of the Dead Body of Gustavus Adolphus after the Battle of Lützen, Nov. 6, 1632	E. Gessellschap,	*Düsseldorf.*

The celebrated king of Sweden fell in the battle of Lutzen, after fighting valiantly several years for the Protestant faith in Germany.

62	Shipwreck	F. Hunten,	*Düsseldorf.*
63	Landscape	L. Stephan,	*Germany.*
64	Evening in Autumn	Caspar Scheuren,	*Düsseldorf.*
65	Landscape	A. Zimmermann,	*Munich.*
66	Costume of Peasant Girl of Sora (Naples),	Francesca Ferrari,	*Rome.*
67	Winter Scene in Holland,	C. Adloff,	*Düsseldorf.*
68	Italian Women playing with Child,	Joseph Fay,	*Düsseldorf.*
69	Mythological Group,	F. C. Hausmann,	*Germany.*
70	Winter View of "High-water Gate," near Amsterdam,	C. Adloff,	*Düsseldorf.*
71	Brigands in a Tavern,	Augustus Vacha,	*Germany.*
72	Hindoo Girl drawing Water,	A. Plum,	*Düsseldorf.*
73	Tyrolese Girl, from the Zillert-hall,	J. W. Wander,	*Munich.*
74	The Toilet,	B. Wynveld,	*Holland.*
75	Cattle,	J. Ryk,	*Holland.*
76	John Knox denouncing Mary Stuart,	W. Volkhardt,	*Düsseldorf.*

"His usual appellation for the queen was Jezebel; and though she endeavored by the most gracious condescension to win his favor, all her insinuations could gain nothing on his obdurate heart." *Hume.*

77	Landscape,	E. Holstein,	*Germany.*
78	Divine Inspiration,	Giacinta Ferrero,	*Turin.*

	Title.	Artist.	Residence.
79	Yard in the Castle of Elz, on the Moselle,	Ehemant,	*Düsseldorf.*
80	Interior of a Forest,	J. W. Schirmer,	*Düsseldorf.*
81	Landscape,	Edward Schleich,	*Munich.*
82	Landscape,	Jacob Verryt,	*Cologne.*
83	Marine View,	Van Bylart,	*Holland.*
84	Lake of Wallenstedt and its Environs,	F. Seifert,	*New York.*
85	Hospice on the St. Gothard,	F. Seifert,	*New York.*
86	The Emperor of Austria at the Battle of Murten, in Switzerland,	Herring,	*Germany.*
87	Columbus receiving a Letter of recommendation to Queen Isabella,	A. Puccinelli,	*Florence.*
88	The Port of Livorno,	N. Perrot,	*Germany.*
89	Group of Children,	Edward Hildebrandt,	*Berlin.*
90	View of a Dutch Harbor,	C. Adloff,	*Düsseldorf.*
91	Landscape near Ville d'Avray,	Justin Ouvrié,	*France.*
92	Bass Rock (Frith of Forth, Scotland),	Rudolf Hardorf,	*Hamburg.*
93	Ruins of Castle Roche Chinard,	Peter Thuillier,	*France.*
94	The Matinée Musicale,	Camilla Gandolfi,	*Turin.*
95	Mill in the Dale,	George Jabin,	*Düsseldorf.*
96	Rhenish Kitchen,	Herman Joseph Schmitz,	*Düsseldorf.*
97	Landscape,	G. Saal,	*Germany.*
98	St. Martin de Cluse, in the Dauphinée,	A. Dubuisson,	*France.*
99	The Amateur in his Studio,	Verveer,	*Frankfort.*
100	The Mussel Vender,	J. Spillemacher,	*Holland.*
101	The Message,	G. Benti,	*Florence.*
102	Landscape,	Hanfhofer,	*Germany.*
103	The Pacha and Gulnare, (Scene from the Cosair.)	F. Y. Hurlstone,	*England.*

"The Pacha woo'd as if he deemed the slave
Must seem delighted with the heart he gave,
The Corsair vowed protection, sooth'd affright,
As if his homage were a woman's right." *Byron.*

104	Marine View	W. Kraus,	*Germany.*
105	Autumn,	J. Grund,	*Germany.*
106	Landscape,	A. Böcking,	*Germany.*
107	A Volunteer of 1848 succored by a Lombard peasant girl,	Giacinta Ferrero,	*Turin.*
108	Landscape,	J. M. Jansen,	*Holland.*
109	Winter Scene in the Woods,	Schelfhout,	*Holland.*
110	Revolution in the Studio,	John Wilms,	*Düsseldorf.*
111	Neapolitan Gleaner,	Fioruzzi,	*Florence.*
112	The Exiles,	Carlo Ademollo,	*Florence.*
113	Landscape,	Joseph Spengel,	*Hamburg.*
114	Landscape,	Edward Hostein,	*Germany.*

	Title.	Artist.	Residence.
115	The Last Moments of Tasso, .	Theo. V. Oer,	*Dresden.*

Tasso died in the monastery of St. Onofrio, on the very day which had been appointed by the Pope for his coronation.

116	Landscape, ...	Zimmermann,	*Germany.*
117	Carnival in Venice, . . .	F. Augero,	*Turin.*
118	The Christmas Novenary in Rome, ...	G. Berti,	*Florence.*
119	Scene in a Tavern, . . .	Louis Meyer,	*Germany.*
120	Sunset View, near Naples, .	Louis Gurlitt,	*Vienna.*
121	The Temptation of Christ, .	Elzner,	*Düsseldorf.*
122	Winter Scene, ...	E. Valeriani,	*Florence.*
123	Two Angels with Crown of Roses,	Prof. C. N. Carta,	*Rome.*
124	Farmhouse and Cattle, . .	Verhuysen,	*Germany.*
125	Mountain Scenery, . . .	S. W. Wagebauer,	*Germany.*
126	Galileo before the Council, appointed by Pope Urban VIII. in 1632, ...	A. F. Ewald,	*Berlin.*

It is recorded that Galileo, at the close of his examination before the Pope's Council, and after he had signed the recantation of his "damnable heresy" of the earth's motion, turned around and stamping his foot indignantly, as he pointed to the figure of the earth, exclaimed—"It turns for all that."

127	Ruins of an ancient Temple, .	M. Schmit,	*Germany.*
128	River View in Holland, . .	W. G. Wagner,	*Holland.*
129	Landscape with Country Chapel,	H. E. R.,	*Germany.*
130	After the Storm, . . .	J. G. Lange,	*Düsseldorf.*
131	Bacchus presented to Silenus, .	Giacomo Conti,	*Florence.*
132	View of a town in Holland, .	J. Dana, Jun.,	*Holland.*
133	Landscape, ...	Lorenzo Cassano,	*Sardinia.*
134	A Nymph, ...	J. Duerck,	*Germany.*
135	Fox and Raven, ...	A. Euler,	*Cassel.*
136	Launce and Speed, . . .	William Maw Egley,	*England.*
137	Interrupted labor, . . .	Montfollet,	*France.*
138	The Stag Hunt, ...	Alex. Michelis,	*Düsseldorf.*
139	A Cemetery in Prague, . .	Bernhard Fiedler,	*Treves.*
140	Portrait of Christopher Columbus, ...	G. B. Multedo,	*Genoa.*
141	River View in Holland, . .	W. G. Wagener,	*Holland.*
142	Landscape, ...	J. M. Jansen,	*Holland.*
143	Execution of Marino Faliero, .	F. Schneider,	*Munich.*

"Slave, do thine office!
Strike as I struck the foe! Strike as I would
Have struck those tyrants. Strike deep as my curse.
Strike—and but once!" *Byron's Marino Faliero.*

144	St. Cecilia, ...	Guido Reni,	*Italy.*

[This fine picture is certified by the Pontifical Academy of Bologna to be an original.]

145	The Match Vender, . . .	G. Berti,	*Florence.*
146	Painting, on porcelain, . .	Unknown,	*England.*
147	Windmill, ...	Unknown,	*England.*
148	Poetry, ...	F. Marabotti,	*Turin.*
149	Infant Christ Sleeping, after Carlo Dolci, . . .	Piola,	*Genoa.*

	Title.	Artist,	Residence.
150	River View, ...	UNKNOWN,	*Germany.*
151	Moonlight Scene, with Bandits, .	OSWALD ACHENBACH,	*Düsseldorf.*
152	Landscape, ...	BÖCKING,	*Germany.*
153	View of Castelli di Romena, .	SERAFINO,	*Tivoli.*
154	Lady on Horseback, . . .	W. VERSCHUUR,	*Holland.*
155	A Woman Spinning, . . .	A. PITON,	*Holland.*
156	Bacchus and Ariadne, . .	BECKER,	*Düsseldorf.*
157	Landscape, ...	BÖCKING,	*Germany.*
158	View in Switzerland, . .	JOS. HERMANSDOERFER,	*Germany.*
159	Peter the Hermit, (on porcelain,)	UNKNOWN,	*England.*
160	Sacuntala, taken from a drama in the Sanscrit—a copy from Riedel	C. HITZ,	*Munich.*
161	The Mendicant, ...	KASSEL,	*Breslau.*
162	Landscape—ravine and brook, .	M. GONIA,	*Italy.*
163	Winter Scene, ...	R. HAANEN,	*Holland*
164	The Thunderstorm, . . .	P. H. HAPPEL,	*Düsselaorf.*
165	Castle Allener on the Sieg, .	C. JUNGHEIM,	*Düsseldorf.*
166	Sunrise, ...	J. PELGROM,	*Holland.*
167	The Calculating Cook, . .	MORITZ,	*Germany.*
168	Angel, copied from Raphael, .	F. MARABOTTI,	*Turin.*
169	Mother and Child, . . .	MORITZ,	*Germany.*
170	Venus rising from the Waves, .	STEINBRUCK,	*Berlin.*
171	Don Quixote, reading, . .	WILLIAM SCHRÖTTER,	*Düsseldorf.*
172	Landscape, ...	W. G. WAGENER,	*Holland.*
173	An old painting, . . .	CORRADI,	*Genoa.*
174	Landscape, ...	PAPPERITZ,	*Munich.*
175	Judith with the head of Holofernes, ...	CONRAD HITZ,	*Munich.*
176	Boys Fighting, ...	EMILIO LAPI,	*Florence.*
177	Winter—Forest scene, . .	J. BYLERT,	*Holland.*
178	Rebecca's Farewell to her Parents, ...	PROF. NEBEL,	*Darmstadt.*
179	A Styrian Girl, ...	C. HITZ,	*Munich.*
180	The Nap Disturbed, . . .	NEURENBURG,	*Holland.*
181	Columbus Discerning the Land (a copy), ...	UNKNOWN,	*Germany.*
182	A Girl selling Fish, . . .	VAN EYCKENS,	*Germany.*
183	Too long at the Well, . .	J. B. SONDERLAND,	*Düsseldorf.*
184	The Arch of Janus in Rome during an overflow of the Tiber, ...	F. W. BAKER,	*England.*
185	A Farm View, ...	UNKNOWN,	*Belgium.*
186	Revolution of Palermo in 1848,	GIACOMO,	*Florence.*
187	View of a seaport, . . .	KUNNEMANS,	*Holland.*
188	Lady Jane Grey in Prison, .	VOLKHARDT,	*Germany.*
189	Skating, ...	A. SCHELFHOUT,	*Holland*

	Title.	Artist.	Residence.
190	The Return of Regulus to Carthage,	Cammuccini,	*Italy.*

Regulus having led the armies of Rome against Carthage, was defeated and taken prisoner. The Carthaginians proposed to send him with an embassy to Rome, to offer terms of peace, and required him to bind himself by an oath to return with it if the offer should be rejected. When the embassy reached Rome, and the proposal was considered in the Senate, Regulus advised its rejection, and his advice was followed. Then, with a sublime heroism, and in spite of the tears of his family and the remonstrances of the Senators, who would now have rescinded their resolution to save the life of such a man—he returned to Carthage with the ambassadors, who were indignant at the refusal of their overtures, but more astounded at the noble self-sacrifice of Regulus.

191	The Admiral taking leave of his Wife,	A. Plum,	*Düsseldorf.*
192	Boys and Cat,	Armand,	*France.*
193	The Jesting Sportsman,	J. B. Sonderland,	*Düsseldorf.*
194	The Culprit Arraigned,	John Maar,	*Germany.*
195	View of a Dutch town,	C. Immerzeel,	*Holland.*
196	Landscape,	C. Immerzeel,	*Holland.*
197	Landscape,	Bernhard Fries,	*Heidelberg.*
198	The Stag Hunt,	Cesare Paganini,	*Florence.*
199	Teguin Ferry and Harleck Castle, in North Wales,	Cornelius Varley,	*England.*
200	Village landscape—Evening,	A. Zwengauer,	*Munich.*
201	Avenue, in Autumn,	George Jabin,	*Düsseldorf.*
202	Devotion,	G. Verryt,	*Germany.*
203	Dido and Æneas going to the Hunt,	Joshua Shaw,	*United States.*
204	Game,	C. De Cocq,	*Holland.*
205	Flowers,	Adelaide Dietrich,	*Germany.*
206	Woman of Albano buying Ribbons,	Cesare Paganini,	*Florence.*
207	Landscape,	C. M. W. Mongers,	*Holland.*
208	Flora McIvor and Kathleen waiting for Waverley,	L. Blanc,	*Düsseldorf.*
209	The Village Bride at her Toilet,	F. Schaen,	*Germany.*
210	Ruins of an Abbey in Devonshire,	Joshua Shaw,	*United States.*
211	View near Dalgelly, in North Wales,	Cornelius Varley,	*England.*
212	Power of Music,	W. S. Mount,	*New York.*

The popularity of the engraving from this picture attests the artist's success.

213	River View in Holland,	A. Waldorp,	*Holland.*
214	Portrait,	Montaldi,	*Genoa.*
215	The good Mother,	G. Berti,	*Florence.*
216	Cider Making,	W. S. Mount,	*New York.*
217	Miracle of St. Anthony, in antique frame,	Unknown,	*Italy.*
218	The Fish Vender,	Camilla Gandolfi,	*Turin.*
219	View near Newcastle, England,	Edwin Hildebrandt,	*Berlin.*
220	The Trappers,	Wm. S. Mount,	*New York.*
221	Family Scene,	L. N. Koningh,	*England.*
222	Portrait,	Prof. C. N. Carta,	*Rome.*

	Title.	Artist.	Residence.
223	A Ride in the Woods, . .	K. F. Blomblea,	*Holland.*
224	Contempt, ...	N. Schiavoni,	*Austria.*
226	Fleur de Marie (from the Mysteries of Paris), . . .	G. Berti,	*Florence.*
227	Victor Emmanuel, King of Sardinia, ...	F. Marabotti,	*Turin.*
228	View at Capri, ...	Aligny,	*France.*
229	View of an Interior, . . .	Jules de Vignon,	*France.*
230	Perspective View, . . .	I. G. Lange,	*Düsseldorf.*
231	The Cathedral of Frauenburg,	Prof. Ch. Schulz,	*Germany.*
233	Christ breaking Bread, . .	Schweize,	*England.*
234	The Guitar Player, . . .	G. Berti,	*Florence.*
235	Interior of a Church, . .	Prof. Chs. Schulz	*Germany.*
236	Flowers, ...	Eliza Koningh,	*Holland.*
237	Portrait, in Pastel, . . .	P. Colignon,	*France.*
238	Flowers, in Pastel, . . .	Adelina,	*France.*
239	Swedish Fishermen, . . .	M. Larson,	*Düsseldorf.*
240	Greeks at Missolonghi, . .	Perignon.	*France.*
241	Disturbed Lovers, . . .	Raisins,	*Holland.*
242	A Winter Landscape, . .	Ryke,	*Holland.*
243	A Nymph presenting a Talisman to a Knight (from a Danish Legend), ...	Cesare Paganini,	*Florence.*
244	Landscape, ...	Carlo Marko,	*Florence.*
245	Interior of a Castle Yard, .	Kirchner,	*Munich.*
246	Gate of Vespasian in Rome, .	Ch. Vacher,	*England.*
247	Landscape, ...	G. Camino,	*Turin.*
248	Landscape, ...	F. Perotti,	*Turin.*
249	Bathing in the Country, . .	G. Berti,	*Florence.*
250	Landscape, ...	Spengel,	*Munich.*
251	Good and Bad Luck, .	Dehaussy,	*France.*
252	Landscape, ...	Spengel,	*Munich.*
253	Arianna with the Satyrs, .	G. Berti,	*Florence.*
254	Joseph sold by his brethren, .	Jong de Wett (pupil of Rembrandt),	*Germany.*
255	Death of an Italian Volunteer,	Emilio Lapi,	*Florence.*
256	Blarney Castle, Peasants Dancing, ...	R. L. Stopford,	*England.*
257	Landscape, ...	G. Camino,	*Turin.*
258	Lake Scenery, ...	R. Schulz,	*Düsseldorf.*
259	Portrait of Pope Julius II. from Raphael, ...	Giovanni Mazzolini,	*Rome.*
260	River by Moonlight, . . .	C. Immerzeel,	*Holland.*
261	Dutch Interior, Gentlemen reading, ...	L. J. Hansen,	*Holland.*
262	A Woman Spinning, . .	Neurenburg,	*Holland.*
263	David calming Saul, by the sound of his Harp, . .	G. Maccio,	*Italy.*

	Title.	Artist.	Residence
264	Mountainous Landscape in Norway,	B. Achenbach,	*Düsseldorf.*
265	Madonna and Child,	A. De la Croix,	*Rome.*
266	French Squadron, Marine View,	Morel,	*France.*
267	The Witch of Endor,	Copy from Rembrandt,	*Germany.*
268	Portrait of Father Gavazzi,	Fagnani,	*New York.*
269	Death of Atala,	Prof. C. N. Carta,	*Rome.*
270	Country Smith's Shop,	C. A. Schulze,	*Germany.*
271	The Vestal,	Prof. C. N. Carta,	*Rome.*
272	The Campanile of the Cathedral of Florence,	Aliani Flor,	*Italy.*

This picture is not painted, as it appears to be; but is a mosaic of stone. The art of mosaic work is nowhere so well understood as in Italy, where the great variety of colored stones affords the material for its execution. Small blocks of these stones of different colors, or varying shades of color, are put together with a fine cement to form the picture.

273	Landscape with rocks,	Beniochi,	*Italy.*
274	Landscape, on panel,	Schelfhout,	*Holland.*
275	Marine View,	F. Gamba,	*Italy.*
276	Paul and Francesca da Rimini,	G. Frascheri,	*Genoa.*
277	Columbus at the Monastery of Robeda, in Spain,	L. Berlingieri,	*Genoa.*
278	The faithful Comrade, from a Poem by Uhland.	John Maars,	*Germany.*
279	A Castle on Fire,	Vander Worp,	*Holland.*
280	The Pilgrim,	Prof. C. N. Carta,	*Rome.*
281	The Three Graces,	Prof. C. N. Carta,	*Rome.*
282	Castle and Winter Landscape,	F. L. Huygens,	*Holland.*
283	The death of Abel, copied from an original in the Palace of Barberini,	Prof. C. N. Carta.	*Rome*
284	The Madonna del Trono, Copied from Perugino,	G. Mazzolini,	*Rome.*
285	Landscape,	Eliza Adams,	*New Haven, U.S.*
286	The Holy Women at the Tomb of Christ,	Giuseppe Bellucci,	*Florence.*

"He is not here, for He has risen as He said. Come and see the place where the Lord lay." Matthew xxviii. 6.

287	Tobias and the Angel,	Unknown,	*Italy.*
288	Group,	S. A. Comti,	*France.*
289	Winter,	Mrs. Dassel,	*New York.*
290	Flowers,	Adelina,	*Paris.*
291	Amadeus III. taking the oath of the Lombard League,	F. Augero,	*Turin.*
292	Dante Alighieri taking leave of his Family on going into exile,	Edwin Ciabatti,	*Italy.*
293	Costume of Sorrento,	Prof. C. N. Carta,	*Rome.*
294	Italian Scene,	Ch. Vacher,	*England.*
295	Costume of Albano Peasant,	Prof. C. N. Carta,	*Rome.*
296	Landscape, Swiss Scenery,	Bernhard Fries,	*Heidelberg.*

	Title.	Artist.	Residence.
297	David before Saul, . . .	L. Bechi,	*Florence.*

"And it came to pass when the evil spirit from God was upon Saul, that David took a harp, and played with his hand; so Saul was refreshed and was well, and the evil spirit departed from him." 1 Samuel xvi. 23.

298	Group, Ancient Painting, . .	Varni,	*Genoa.*
299	Stag, ...	Unknown,	*Germany.*
300	Ganganni Barra, the Hermitage of St. Tion Barra, near Cork, ...	John Kemp,	*England.*
301	Wreckers, ...	Ed. Luminais,	*France.*
302	Wooded Landscape, . . .	E. Valeriani,	*Florence.*
303	Combat of Centaurs and Lapithæ,	G. Camino,	*Turin.*

The Centaurs are said in fable to have been 'half man and half horse,' which is thus explained. They first practised the art of riding horses, and when Ixion, the Thessalian King, offered a large reward for the destruction of the bulls of Mount Pelion which committed great devastations in the surrounding country, the Centaurs, mounted on trained horses, attacked and slew the bulls. The Lapithæ, a tribe of Thessalians, afterwards joined battle with the Centaurs and drove them from Mount Pelion.

304	Stillwater Scene, . . .	L. G. Verveer,	*Holland.*
305	The Hermit, ...	Prof. C. N. Carta,	*Rome.*
306	Female Portrait, . . .	Unknown,	*Nuremberg.*
307	View on a River by Moonlight,	G. A. Roth,	*Holland.*
308	Copy from Vandyk, . . .	F. Augero,	*Turin.*
309	Landing of Columbus at Santa Cruz, . .	A. Colin,	*France.*
310	Mary Magdalen, . .	Murillo,	*Spain.*
311	The Fairy in the Grotto, . .	Unknown,	*Italy.*
312	Cupid and Psyche, . . .	G. B. Multedo,	*Genoa.*
313	Case of Miniatures, . . .	N. Corradi,	*New York.*
314	Madonna and Child [an original, the property of Mr. White, 175 Water St., New York],	Carlo Dolci,	*Italy.*
315	Romeo and Juliet, . . .	A. Colin,	*France.*
316	Adam and Eve,—Scene from "Paradise Lost," . .	A. J. Woolmer,	*England.*

"They, looking back, all the Eastern side beheld
Of Paradise, so late their happy seat,
Waved over by that flaming brand; the gate
With dreadful faces thronged and fiery arms." Par. Lost, B. xii.

317	A Very Ancient Italian Painting, Peasant Girls of the Abruzzi, in Italy,	Andrea da Mura,	*Germany.*
318	The Pet Lamb, . . .	F. Y. Hurlstone,	*England.*
319	Environs of the Baths of Pfeffers, Switzerland, . . .	F. Mueller,	*Germany.*
320	Entrance of a Sea Port, . .	Louis Meyer,	*Holland.*
321	Portrait, ...	William Toy,	*England.*
322	Charity, ...	Hilleveld,	*Holland.*
323	Child and Dove, Portrait, . .	F. Dewehrt,	*New York.*
324	View on a Canal in Holland, .	A. Waldorp,	*Holland.*
325	Corpse of a Female Driven Ashore defended against the attack of an Eagle by two Fishermen's Dogs, . .	John Hilverdink,	*Holland.*

	Title.	Artist.	Residence.
326	View near Moreil Marly, near St. Germains, . . .	M. Ricois,	*France.*
327	Rocky Landscape, . . .	M. de Marneffe,	*Brussels.*
328	Landscape, ...	H. D. Kruseman Van Elte,	*Holland.*
329	Landscape, View of a Lake and Alps, ...	Tepping,	*Switzerland.*
330	The Donkey Trader, . . .	Luminais,	*France.*
331	A Landscape with Cattle, . .	J. B. Torn,	*Holland.*
332	Cupid whispering a Secret to Venus, ...	Schiavoni,	*Austria.*
333	Ruins of Kerry House, County Kerry, Ireland, . . .	Cornelius Varley,	*England.*
334	Two Ladies Reading by Lamplight, ...	P. Kiers,	*Holland.*
335	Calmness, ...	Schiavoni,	*Austria.*
336	Flowers, ...	Adrian Haan,	*Holland.*
337	View of the little Village of L'Etang la Ville, in France,	M. Ricois,	*France.*
338	Landscape, . . .	W. D. Klerk,	*Holland.*
339	Jacob and Benjamin, . . .	L. G. C. Mullings,	*Holland.*
340	View in Switzerland, . .	Tepping,	*Switzerland.*
341	Castle of Usse, near Tours, in France, ...	Justin Ouvrie,	*France.*
342	Winter Scene, Skaters. .	J. G. Haus,	*Holland.*
343	A Steamer near the Coast, .	C. C. Kannemans,	*Holland.*
344	The Arch of Drusus in Rome, .	F. W. Baker,	*London.*
345	Landscape and Bridge, . .	Dubourcq,	*Holland.*
346	Leonora, ...	Unknown,	*Germany*
347	Cattle near the Water, . .	F. S. Huygens,	*Holland.*
348	Flowers, ...	Johanna Noth,	*Holland.*
349	Original Correggio on Parchment, Property of Mr. Prayer, New York, ...	Correggio,	*Italy.*
350	Landscape with Cattle, . .	W. D. Klerk,	*Holland.*
351	Shipping in a Bay, . .	F. J. Vander Blyk,	*Holland.*
352	Napoleon, ...	———	
353	Winter Forest Scene, . .	E. P. Mirani,	*Holland.*
354	Evening Market Scene, . .	Grootvert,	*Holland.*
355	Company Playing Cards, . .	Sacré,	*Holland.*
356	View at Clisson, near Nantes,	E. Pinel,	*France.*
357	Loch Long, Perthshire, Scotland,	Jas. Ferguson,	*England.*
358	View on a Lake in Switzerland,	Guignan,	*Geneva.*

[*The following pictures from Number* 359 *to Number* 381 *inclusive, are the property of* JOSEPH CRISTADORO Esq., *by whom they are contributed to the Gallery.*]

	Title.	Artist,	Residence.
359	A View in Flanders,	SOLOMON RUYSDAEL, born 1616, died 1670.	
360	Portrait of Mme. de Maintenon,	PIERRE MIGNARD.	
361	Interior of a Forest,	VERBURG, born 1690.	
362	A View in Flanders,	SOLOMON RUYSDAEL.	
363	Head of the Virgin,	ANDREA DEL SARTO VANNUCCHI, born 1488, died 1530.	
364	Portrait of Arnold Booner,	Painted by himself, born 1669, died 1729.	
365	The Temptation of St. Anthony,	DAVID TENIERS, born 1610, died 1694.	
366	Sea Port, with Statues,	JOHN LINGLBACH, born 1625, died 1687.	
367	Battle,	ANTONIO TEMPESTA, b. 1555, d. 1630.	
368	Battle,	ANTONIO TEMPESTA.	
369	Italian Scene,	PETER VAN LAAR, or BAMBOICIO, born 1613, died 1675.	
370	Adoration of the Magi,	CARLO MARATTI, born 1625, died 1713.	
371	Magdalen before the Cross,	PRETI CAVALIERE MATTHA, called the "Calabrese," born 1613, died 1699.	
372	Magdalen with Vase,	GIOVANNI FRANCESCA BARBIERI GUERCINO, born 1590, died 1666.	
373	Marine piece,	JOSEPH VERNET, born 1712, died 1789.	
374	Interior,	ADRIEN VAN OSTADE, b. 1610, d. 1685.	
375	A Head,	FRANCIS PORBUS, born 1570, died 1622.	
376	Historical Landscape,	CASPAR DUGHET POUSSIN, b. 1613, d. 1675.	
377	"Battle,"	ANTONIO TEMPESTA.	
378	Siege—Battle, Horses, and Warriors,	ANTONIO TEMPESTA.	
379	Landscape,	SOLOMON RUYSDAEL.	
380	Portrait of Prince Ferdinand,	SIR ANTHONY RUBENS.	
381	Landscape—Forest, with Bridge, and Figures,	JACOB RUYSDAEL, born 1626, died 1681.	
382	Pastel Study of an Egyptian Lady,	DE LEOMENIL,	*France.*
383	Landscape,	B. C. KOEKOEK,	*Holland.*
384	Landscape—in a Gale,	DUBOURCQ,	*Holland.*
385	The Old House of the Rev. Mr. Williams which escaped the Conflagration in Deerfield, Mass., in 1704,	ROBT. HAVELL,	*U. States.*
386	Moonlight—Landscape,	VANDER VEN,	*Holland.*
387	Flowers,	ADELINA,	*Paris.*
388	The Prodigal Son, on Porcelain,	UNKNOWN,	*England.*
389	Forest Scene,	H. E. RADEMAKER,	*Holland.*
390	View on the Briel, Holland,	A. HULK,	*Holland.*
391	A Domino and Shepherdess of the time of Louis XV.,	LEREUX,	*France.*
392	Flowers,	MME. PAULINE GIRARDIN,	*France.*

	Title.	Artist.	Residence.
393	The Sailor's arrival in the midst of his Family, . . .	A. Voorips,	*Holland.*
394	Blanche de Rose, . . .	Mme. Pauline Girardin,	*France.*
395	Cattle, ...	Verwee,	*Holland.*
396	Landscape in Greece, . .	A. Lapito,	*Holland.*
397	Winter Scene and Skaters, .	Ch. Leukerk,	*Holland.*
398	An Engraving of the celebrated painting of Paul de la Roche in Paris, ...	Goupil & Co. (pub.),	*New York.*
399 and 400	Two Pastels, [Exhibited by Goupil & Co., N.Y.]	Rochart,	*France.*
401	Landscape, in water colors, .	Eugene Douler,	*France.*
402	Portraits, ...	Zephaniah Bell,	*England.*
403	Portrait, in Pastel, . . .	Goupil & Co. (pub.),	*New York.*
404	Portrait—Pastel, . . .	B. Rochart,	*France.*
405	Awaking, ...	Octavie Rossignon,	*France.*
406	Mountainous Landscape, . .	Michel Banquet,	*France.*
407	Portrait of Miss Julia Dean, .	Eaton,	*Cincinnati.*
408	Portrait, in water color, . .	W. Casey,	*Cork.*
409	Laurier Rose (Rose Laurel), .	Pauline Girardin,	*France.*
410	View of Amsterdam from the heights of Haarlem, . .	J. J. Destree,	*Holland.*
411	Sheep in a Field, . . .	H. & A. Knip,	*Holland.*
412	King Lear, ...	Oppenheim,	*Germany.*
413	The King of France on the Balcony, whence he fired on the flying Huguenots, on the night of St. Bartholomew (on porcelain), . . .	Unknown,	*England.*
414	Moonlight, in Pastel, . . .	Mrs. Birdsall,	*New York.*
415	Mouth of a River in Holland, .	A. Waldorp,	*Holland.*
416	Portrait—Italian Costume, .	G. Guffens,	*Belgium.*
417	Stillwater Bay, ...	T. J. Vanden Blyk,	*Holland.*
418	A Girl at the Cellar-door, . .	H. Hove,	*Holland.*
419	The Four Ages of Man's Life, .	Cæsar Paganini,	*Florence.*
420	Landscape—Evening, . .	Louis Verwee,	*Brussels.*
421	Miss Julia Dean in the "Hunchback,"	Eaton,	*Cincinnati.*
422	Portrait of General Walbach, U. S. Army, ...	George D'Almaine,	*Illinois.*
423	Marine View, on Panel, . .	P. Schilager,	*Holland.*
424	Landscape, on Panel, . .	S. Schelfhaut,	*Holland.*
425	Painting on Porcelain, . .	H. G. Petty,	*England.*
426	Landscape, . . .	Louis Verwee,	*Brussels.*
427	Requesting Hospitality, .	Robert Van Eysden,	*Holland.*
428	Interior of a Cathedral, .	Genisson,	*Holland.*
429	Venice, in water colors, . .	Ch. Vacher,	*England.*
430	Evening in North Wales, . .	Cornelius Varley,	*England.*

	Title.	Artist.	Residence.
431	Landscape and View of a River,	G. W. Wagener,	*Holland.*
432	Marine View and Harbor, . .	A. Francio,	*Belgium.*
433	View of the Gulf of Naples, .	P. Thuillier,	*France.*
434	Spring—Pastel, ...	Mrs. Dassel,	*New York.*
435	Holy Family, (on copper), . .	Allori,	*Italy.*
436	Winter Landscape and Skaters, .	L. Verwee,	*Brussels.*
437	The Faithful Guardian, . .	Amelia Champlin,	*Belgium.*
438	Portrait of Louis XIV., . .	Lebrun,	*New York.*
439	A Young Lady (time Louis XV.),	Victoire Chastainier,	*France.*
440	Sketch from Lafosse, . . .	M. Colin,	*France.*
441	Town in Belgium, . . .	Van Moer,	*Belgium.*
442	Ruins, ...	Van Moer,	*Belgium.*
443	Spanish Group, ...	Mme. F. Thurwanger,	*United States.*
444	Sleep—Pastel, ...	Miss Rossignan,	*France.*
445	Danae receiving the Golden Shower (on porcelain), .		*England.*
446	View of a Church, . . .	Ribault,	*France.*
447	Winter—Landscape, . .	Louis Verwee,	*Brussels.*
448	Marine View, ...	P. Schilager,	*Holland.*
449	Field Flowers, ...	Pauline Girardin,	*France.*
450	Copy of Il Dolce far Niente, .	Mme. F. Thurwanger,	*Philadelphia.*
451	King Henry I., of England, receiving the tidings of the loss of his Son by shipwreck,	W. Maw Egley,	*England.*

"But seas dash'd o'er his son's bright hair,
He never smiled again." *Mrs. Hemans.*

452	Card-Players, on porcelain, .	Unknown,	*England.*
453	Game, in Indian ink, . . .	C. De Coco,	*Holland.*
454	Orphan Girl going to Service, .	Vanden Bylart,	*Holland.*
455	Portrait—General Washington, .	George W. Flagg,	*Charleston.*
456	View of a Country Town, . .	J. G. De Haan,	*Holland.*
457	Evening Lecture, . .	Mme. Anais Candouze,	*France.*
458	Fishing Smack of Normandy .	M. Pinel,	*France.*
459	Interior, ...	Jules de Vignon,	*France.*
460	The Conversation, . . .	Dehaussy,	*France.*
461	Landscape, ...	George D. Brewerton,	*United States*
462	Rip Van Winkle, . . .	J. Guidar,	*New York.*
463	Moonlight—Landscape on panel,	Vanden Bylart,	*Holland.*
464	Mother and Child, . . .	A. J. Woolmer,	*England.*
465	A Cook baking wafers, on panel,	H. Hove,	*Holland.*
466	Family Fireside, . . .	Neurdenburg,	*Holland.*
467	Repose, ...	Jules De Vignon,	*France.*
468	A Shepherd and Cattle, . .	C. Vanderberg,	*Holland.*
469	Shepherds and Shepherdesses in the Woods, ...	J. A. Woolmer,	*England.*
470	View of the Environs of Arbonne, ...	A. Bonheur,	*France.*
471	Company of Drinkers, .	J. Bylert,	*Holland.*

	Title.	Artist.	Residence
472	Borrowdale Beck, Cumberland, .	James Ferguson,	*England.*
473	Two Miniatures, . . .	A. L.	*New York.*
474	Scene of an Inundation on the borders of the Loire, . .	A. Antigna,	*France.*

The Loire having overflowed its banks, the waters have accumulated so suddenly in a cove that a cottage is nearly overwhelmed, affording its inmates barely time to escape to its roof by the garret window—through which the bed-ridden grandmother is with difficulty rescued—to hope for a still doubtful deliverance from peril.

475	Garden Scene, ...	A. J. Woolmer,	*England.*
476	A Girl returning home with Game, ...	H. Hove,	*Holland.*
477	The Festive Board, . . .	F. Augero,	*Turin.*
478	Tavern Scene, ...	Neurenburg,	*Holland.*
479	A Sketch from Watteau, . .	M. Colin,	*France.*
480	Shipwreck, ...	A. Francis,	*Belgium.*
481	Child and pet Greyhound, .	Emilio Champein,	*Belgium.*
482	An old Ship stranded, on panel,	J. J. Croverwyk,	*Holland.*
483	View of an Interior, . .	Plassan,	*France.*
484	Moonlight Scene, on panel, .	Kerkhof,	*Holland.*
485	Sleeping Female, . . .	Schiavoni,	*Austria.*
486	Westphalia Landscape and Farm,	Theodore Nocken,	*Dusseldorf.*
487	Still Water by Moonlight, .	C. Immerzeel,	*Holland.*
488	St. Jerome in the Desert, .	M. Aligny,	*France.*
489	Seizure of Charlotte Corday after killing Marat, . . .	F. O'Connell,	*France.*
490	Landscape, ...	B. Fiedler,	*Berlin.*
491	View at Candebeck, . .	M. Pinel,	*France.*
492	The Good and the Wicked Priest,	F. Ferrero,	*Turin.*
493	Interior of a Harem, . .	G. Lepaulle,	*France.*
494	The Sultana Nourmahal, .	G. Lepaulle,	*France.*
495	Country Children Playing, .	J. Bylert,	*Holland.*
496	Portrait of Duke of Wellington, .	A. Keith,	*England.*
497	The Cloister of St. Marc, . .	T. Foyant,	*France.*
498	Moorish Fortress and Mill on the Adra in the South of Spain,	F. Bossuet, Professor at the Royal Col.	*Brussels.*
499	A Hilly Landscape, . .	G. A. Roth,	*Holland.*
500	Cattle in a Stable, . . .	Auguste Knip,	*Holland.*
501	Shipwreck, ...	H. H. Opderheyde,	*Holland.*
502	Landscape, . . .	Unknown,	*Belgium.*
503	Entrance of a Mosque at Rosette,	F. Bossuet,	*Belgium.*
504	The Reception, .	C. W. Hoevenaar,	*Holland.*
505	America, . . .	Fanny Geefs Corr,	*Belgium.*
506	Winter Scene, Skaters, . .	J. Bylert,	*Holland.*
507	Shepherd receiving instruction on the reeds, . . .	Caminade,	*France.*
508	Tomb of the Caliphs from Nature,	F. Bossuet,	*Belgium.*
509	Portrait of a Lady, . .	H. G. P. Hanau,	*Holland.*
510	Diogenes successful, . .	F. Anelli,	*New York.*
511	Jean Jaques Rousseau, botanizing,	H. Viger Duvignan,	*France.*
512	Evening Prayer, . .		*England.*

	Title.	Artist.	Residence.
513	Interior of a Church,	A. Waldorp,	*Holland.*
514	Talent discovered,	Moritz Calisch,	*Holland.*
515	La Cruche Cassée,	Greuze,	*New York.*
516	The Washerwoman,	H. Hove,	*Holland.*
517	A Swiss Landscape,	A. Lapito,	*Holland.*
518	Washington, on horseback,	Rembrandt Peale,	*New York.*

This—says the artist—is a transcript copy of his original work, made in the 80th year of his age. Mr. Peale is the only living artist to whom Washington sat for his portrait.

519	Girl returning from Market,	H. Hove,	*Holland.*
520	View of Cantal,	A. Bonheur,	*France.*
521	Landscape,	Ed. De Vigni,	*Belgium.*
522	Winter Scene, Ice Boat,	N. J. Rose,	*Holland.*
523	The Cantatore,	Mme. F. Thurwanger,	*Philadelphia.*
524	Midnight reflections on a Skull,	P. Van Schendel,	*Belgium.*
525	Christ in the Temple,	H. Scheffer,	*France.*
526	Marine View,	M. G. Wagner,	*Holland.*
527	Dead birds,	M. Coic,	*France.*
528	View of a Town in Holland,	L. J. Verveer,	*Holland.*
529	View of the Catskill Mountains,	J. N. F. Van Starkenborgh,	*Holland.*
530	View of a Town in Belgium,	F. J. Boulanger,	*Ghent.*
531	Dutch Windmill,	A. Waldorp,	*Holland.*
532	Landscape,	Elmerichy,	*France.*
533	The Flemish Lawyer,	J. Getoni,	*Belgium.*
534	Portrait of Chief Justice Marshall,	J. B. Martin,	*U. States.*
535	A Farm in Holland,	C. Immerzeel,	*Holland.*
536	Marine View,	Barry,	*France.*
537	View in the Gulf of Salerno,	Baker,	*England.*
538	Cattle,	D. V. S. Backhuysen	*Holland.*
539	Head of a Bull,	A. Verhoeven	*Holland.*
540	Head of a Bull,	A. Verhoeven,	*Holland.*
541	Child Taking a Thorn from the foot of a Shepherd,	Cuminade,	*France.*
542	Game and Shooting Apparatus,	Alida Stolk,	*Holland.*
543	A Mother and her Child,	H. Scheffer,	*France.*
544	The Waiter,	P. Krieger,	*Holland.*
545	Portrait of a Boy,	Masse,	*France.*
546	Landscape,	J. G. Hans,	*Holland.*
547	Scene of Violence towards the Peasantry in Feudal Times,	Lugardon,	*Switzerland.*
548	View of the Glen of the Horse, Killarney, water color,	John Noblet,	*England.*
549	Shandon Bells,	John Kemp,	*England.*
550	A Hut in Beauce, France,	Wanderburck,	*France.*
551	Scene after Shipwreck on the Coast of Africa,	Biard,	*France.*

The survivors of a wreck upon the African coast find themselves surrounded by the savage inhabitants, who strip them of their clothing, and arraying themselves in it make horrible demonstrations of delight over their victims. The physiognomy of the cannibals is admirably delineated.

	Title.	Artist.	Residence.
552	View on the Maas, Belgium, .	Pierre T. Van Elvers,	*Holland.*
553	River Station, by Moonlight, .	J. Verhoogh,	*Holland.*
554	Rustic Landscape, . . .	Bodeman,	*Holland.*
555	Sea Shore, by Moonlight, . .	De Winter,	*Holland.*
556	Lismore Castle, in water colors, .	R. C. Stopford,	*England.*
557	The Lace-maker, . . .	G. B. Schiattino,	*Genoa.*
558	Fisherman's Hut on Fire, . .	Ch. Hubner,	*France.*
559	Setter and Duck, . . .	Leon Viardot,	*France.*
560	Wooded Landscape, . . .	G. A. Martin,	*Holland.*
561	Landscape, ...	J. K. Huysen,	*Holland.*
562	Landscape and Old Castle, .	J. J. Destree,	*Holland.*
563	Cattle near a Farm, . . .	C. De Ryk,	*Holland.*
564	Italian Costume, . . .	Mrs. Dassel,	*New York.*
565	Dutch Kitchen, ...	Van Bril,	*Germany.*
566	View on a Canal, ...	Ch. Hoguet,	*Germany.*
567	Family Devotions, . . .	Ch. Hubner,	*Germany.*

This beautiful picture, with some modifications of costume and still life, might more than realize the exquisite picture of the "Cotter's Saturday Night," as drawn by Burns.

568	Landscape, ...	J. A. De Ryk,	*Holland.*
569	The Holy Women at the Tomb of Christ, ...	G. Bellucci,	*Florence.*
570	Portrait of a Spanish Lady, .	Leomenil,	*France.*
571	The Knife-Grinder, . . .	H. Van Hove,	*Holland.*
572	View in the Apennines, . .	Coignet,	*France.*
573	Landscape with Cattle, . .	Hekking,	*Holland.*
574	An old Dutch Hall, . . .	H. Van Hove,	*Holland.*
575	A Girl in an Ancient Hall, .	H. Van Hove,	*Holland.*
576	Fruit, ...	Jules Dehaussy,	*France.*
577	Glaciers of the Bernese Alps, .	H. Berthoud,	*France.*
578	The Blacksmith of Naarden, .	J. H. Egenberger,	*Holland.*
579	Music, Mathematical Instruments, Books, &c., on a Table, ...	Dumaresq,	*France.*
580	The Flower Girl, . . .	J. Spellemacker,	*Holland.*
581	Landscape in Twilight, in the Forest of D'Erschinen, .	H. Berthoud,	*France.*
582	Landscape, ...	F. G. Vogel,	*Holland.*
583	A Nymph in the Woods of the God Pan, ...	Lebouys,	*France.*
584	A View of Ireland's Eye, . .	Edwin Hayes,	*Dublin.*
585	The Adulteress at the Feet of Christ, ...	Em. Signol,	*France.*
586	Swiss Landscape and Bridge, .	Guignon,	*Geneva.*
587	View near Naples, . . .	Coignet,	*France.*
588	Landscape, ...	Rademacker,	*Holland.*
589	Landscape and Water, . .	J. J. Destree,	*Holland.*
590	Woodland and Brook, . .	Vanden Sande,	*Holland.*
591	Shipwrecked Persons Attacked by a Shark, ...	Biard,	*France.*

	Title.	Artist.	Residence.
592	A Landscape and House, . .	E. Hostein,	*Germany.*
593	Swiss Girls depositing Flowers on a Grave, . . .	Lugardon,	*Switzerland.*
594	The Lovers' Meeting, . . .	Aug. Serrure	*Holland.*
595	View of the Entrance of the Great Chartreuse in Grenoble, ...	Ricoio,	*France.*
596	Christ Pardoning the Adulteress,	Em. Signol,	*France.*
597	Aischa, the Slave of Solyman II., made Prisoner by the Hungarians, adopts the Christian Religion at the Altar before the Attack of the Citadel by the Turks, 1566,	Paul T. Van Elven,	*Holland.*
598	A Social Chat, ...	Monfollet,	*France.*
599	Ruth Gleaning, ...	Lugardon,	*Switzerland.*
600	Landscape View in Norway, .	C. Grolig,	*France.*
601	Shipwreck, ...	Tanneur,	*Holland.*
602	The Borders of the Seine, . .	Vanderbuch,	*France.*
603	Flemish Market Women by Candlelight, ...	P. Van Schendel,	*Belgium.*
604	Winter Landscape, . . .	B. C. Koekoek,	*Holland.*
605	Indecision, ...	G. Lepaulle,	*France.*

An allegorical picture, representing Youth between Pleasure and Piety, or, to express the idea still more forcibly, between Vice and Virtue, the one alluring him with her seductions and blandishments, and the other pointing him to the skies.

606	Farm-yard Scene, House, &c., .	J. F. Honnior,	*Belgium.*
607	Country Girl, ...	Adele Kindt,	*Belgium.*
608	Mother and her Boy fleeing from her Home on Fire, taken from the War in Hungary, .	Adele Kindt,	*Belgium.*
609	The Castle of Chateaudun, .	Justin Ouvrie,	*France.*
610	The Bookworm, . . .	Spitzweg,	*Munich.*

A small picture, but too good to be overlooked. The book-worm has been searching among the "Metaphysics" for a particular passage. His knees, arms, and hands are full, and it is fortunate that he has discovered at last the object of his quest.

611	Landscape, ...	B. C. Koekoek,	*Holland.*
612	Goats in the Mountains, . .	N. Humbert,	*Geneva.*
613	View of Mount Vesuvius in 1838, during the Eruption, . .	Lapito,	*France.*
614	Cattle, ...	Henriette Knip,	*Holland.*
615	View of a Port and Shipping, .	A. Waldorp,	*Holland.*
616	Washington Crossing the Delaware, ...	E. Leutze,	*United States.*

A reduced copy of the original picture, painted by the author. It is too well known through the engravings of Goupil, as well as *per se*, to require elucidation

617	The Welcome Meal, a group of boys receiving food from the monks at the door of the Convent of St. Isidoro, .	F. Y. Hurlstone	*England.*
618	Boy Playing with a Mouse, .	H. Lillers,	*Belgium.*

	Title.	Artist.	Residence.
619	A Ravine, ...	Bouquet,	*France.*
620	Dressing for a Meeting, . .	J. Van Oudenhoven,	*Holland.*
621	View of Paris, Bellevue, . .	Grolig and H. Vernet,	*France.*
	The landscape of this picture was painted by Grolig and the figures by Horace Vernet.		
622	Sappho, ...	Fanny Geefs Corr,	*Belgium.*
623	View taken from the Terrace of St. Germain en Layes, . .	Ricois,	*France.*
624	Children Playing in the Garden of the Tuileries, Paris, .	Linden Schmidt,	*France.*
625	The Calabrese in Rome, . .	Polack,	*Austria.*
626	Outside of a Farmhouse, . .	H. Huygens,	*Holland.*
627	Landscape, ...	Augustus Ortmans,	*Holland.*
628	The Oath of the Swiss Patriots,	Unknown,	*Switzerland.*
629	Christopher Columbus at Salamanca, ...	A. Colin,	*France.*
630	A Monk Preaching in the Coliseum, ...	Flavio,	*England.*
631	Waterfall, ...	J. Coignet,	*Germany.*
632	The Recruit of Brittany,	T. De Heuvel,	*Belgium.*
633	Dutch Farmers Playing at Draughts, ...	L. de Koningh,	*England.*
634	View taken on the Bank of the Seine, near Paris . . .	A. Giroux,	*France.*
635	Ophelia, ...	Fanny Geefs Corr,	*Belgium.*
636	Stillwater Bay, ...	F. J. Van Den Blyk,	*Holland.*
637	View of the Tower of Notre Dame at Antwerp, . .	F. Bossuet,	*Belgium.*
638	The Country Boy, . . .	Miss C. Smith,	*England.*
639	Landscape, Sunrise, . . .	J. Pelgrom,	*Holland.*
640	Battle of Leipsic, in 1630, . .	W. Lindenschmidt,	*France.*
641	The Brigand at Home [the Property of Colonel Preston, of South Carolina,] . . .	Deveaux,	*U. States.*
642	Portrait of General Washington,	Miss A. Leslie,	*U. States.*
643	Nero and Narcissus, . . .	A. Colin,	*France.*
644	Landscape, ...	M. Hamilton,	*Canada West.*
645	Justice Sitting on a Throne, .	Anthony de Pereda.	
646	Miniature of a Gentleman, .	Miss Wagener,	*Albany.*
647	Innocence, a miniature, . .	Miss Wagener,	*Albany.*
648	Artemisia Drinking the Ashes of her Husband, ...	A. Delle Piane,	*Genoa.*
649	Madonna and Child, . . .	Murillo,	*Spain.*
650	Portrait of Cornelius Matthews, Esq., .	Blondell,	*New York.*

	Title.	Artist.	Residence.
651	Battle of Culm. Emperor Alexander of Russia, and King of Prussia. Marshal Vandam as prisoner. . .	Professor Rechlin,	*Berlin.*

[This Picture and No. 653 are upon the South-Eastern Staircase leading to the Gallery.]

652	Mary Magdalen (an original). .	Guido Reni,	*Italy.*

[Contributed by the British Consul, at Baltimore, Md.]

653	The Deluge, ...	Fioruzzi,	*Rome.*
654	Repose—A Landscape, . .	William Brown,	*New Jersey.*

*** The following numbers, from 1 to 31 inclusive, are Water Color Paintings, by members of the New York Water Color Society.

1	Landscape,—The Waggon,	by	S. V. Hunt.
2	Girl at the Spring,	"	A. Jones.
3	Pool in the Wood,	"	J. M. Falconer.
4	The Apple,	"	O. G. Hank.
5	Coast Scene,	"	A. Frederick.
6	The Candy Girl,	"	J. Brown.
7	Landscape,—The Bridge,	"	S. V. Hunt.
8	The Drunkard's Daughter,	"	J. Brown.
9	Storm clearing up,	"	J. J. Glasgow.
10	The Monk,	"	J. Brown.
11	Snake Hill, half past 7,	"	J. M. Falconer.
12	The Brunette,	"	J. B. Wandersforde.
13	Bedlow's Island,	"	C. Parson.
14	The Cottage Door,	"	J. B. Wandersforde.
15	The Hay Boat,	"	C. Parsons.
16	The Blonde,	"	J. B. Wandersforde.
17	Snake Hill, half past 8,	"	J. M. Falconer.
18	Torre di Molino, near Albano,	"	J. F. Cropsey.
19	View on the North River,	"	D. W. C. Hay.
20	Head,	"	J. Halpin.
21	Still Life,	"	H. Beckwith.
22	The Waggon Boy,	"	J. Halpin.
23	Landscape,	"	H. B. Gay.
24	Nyack Turnpike,	"	J. W. Hill.
25	The Smugglers,	"	A. Fredericks.
26	The Palisades,	"	D. W. C. Hay.
27	Dead Game,	"	H. Beckwith.
28	View in Rockland County,	"	J. W. Hill.
29	Twilight,	"	D. W. C. Hay.
30 and 31	Studies,	"	A. Jones.

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